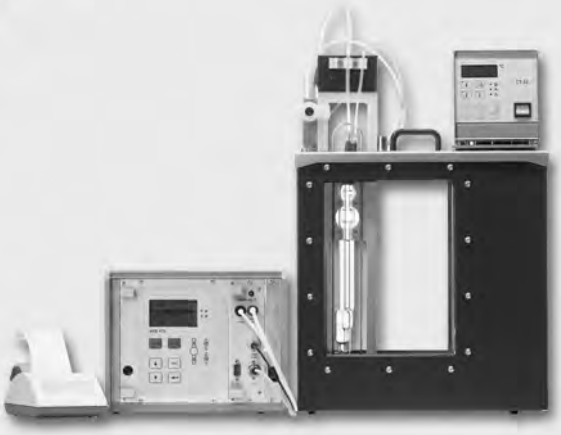
Product List 2010

Electrodes

Spectrophotometers



Capillary Viscometry

Electrochemistry

Titration

SI Analytics

www.si-analytics.com

A Nova Analytics company NOVA ANALYTICS

Contents

Meters.....5
Electrodes.....15
Titration.....69
Spectrophotometry.....111
Viscometry.....139
Laboratory Hotplates and Stirrer.....189
Water Distilling Apparatus.....193
Terms and conditions for delivery and payment.....197

Meters

Overview

pH meters 6
conductivity, oxygen and multi meters 9
Accessories for pH, conductivity, oxygen and multi meters 12

Meters

pH meters

Type No.	Description	Ordering No.
CG 837	**Pocket pH meter** pH meter CG 837 with carrying case, 2 ampoules buffer solution, measuring parameters pH, mV, temp., recorder output for 2 x 2 mm pin plugs, microprocessor, two point calibration with technical buffers, battery operated, approx. 6000 h operation time	285202058
CG 837/2042	**Pocket pH meters carrying case set** pH meter CG 837, pH-temp. combination electrode N 2042 A, carrying case, 2 ampoules buffer solution	285202099
CG 837/23pH	**Pocket pH meters carrying case set** pH meter CG 837, pH combination electrode BlueLine 23 pH, carrying case, 2 ampoules buffer solution	285202359
CG 837/28pH-P	**Pocket pH meters carrying case set** pH meter CG 837, pH-temp. combination electrode BlueLine 28 pH-P, carrying case, 2 ampoules buffer solution	285202360
CG 837/42	**Pocket pH meters carrying case set** pH meter CG 837, pH combination electrode N 42 A, carrying case, 2 ampoules buffer solution	285202066
CG 837/52	**Pocket pH meters carrying case set** pH meter CG 837, pH combination electrode N 52 A, carrying case, 2 ampoules buffer solution	285202074
handylab pH11	**Pocket pH meter** handylab pH11, individual meter	285202871
handylab pH11/14pH	**Pocket pH meter carrying case set** handylab pH11, case set, complete, ready to use with pH combination electrode BlueLine 14pH, calibration solutions and plastic beakers	285202999
handylab pH11/23pH	**Pocket pH meter carrying case set** handylab pH11, case set, complete, ready to use with pH combination electrode BlueLine 23pH, calibration solutions and plastic beakers	285202917
handylab pH11/24pH	**Pocket pH meter carrying case set** handylab pH11, case set, complete, ready to use with pH combination electrode BlueLine 24pH, calibration solutions and plastic beakers	285202982
handylab pH11/K	**Pocket pH meter with carrying case** handylab pH11, individual meter with carrying case	285202863
handylab pH12	**Pocket pH meter** handylab pH12, individual meter	285202896
handylab pH12/14pH	**Pocket pH meter carrying case set** handylab pH12, case set, complete, ready to use with pH combination electrode BlueLine 14pH, calibration solutions and plastic beakers	285203062
handylab pH12/24pH	**Pocket pH meter carrying case set** handylab pH12, case set, complete, ready to use with pH combination electrode BlueLine 24pH, calibration solutions and plastic beakers	285203054
handylab pH12/K	**Pocket pH meter with carrying case** handylab pH12, individual meter with carrying case	285202888

Meters

pH meters

Type No.	Description	Ordering No.
Lab 850	**Laboratory pH meters** Measuring parameters pH, mV, temp., microprocessor, DIN 19262 connection. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201300
Lab 850 BNC	**Laboratory pH meters** Measuring parameters pH, mV, temp., microprocessor, BNC connection. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201360
Lab 850 BNC Set	**Laboratory pH meters** Measuring parameters pH, mV, temp., microprocessor, BNC connection. Including cover Z 880, stand S4D Z 865, power supply Z 850, pH-temp. combination electrode BlueLine 15 pH, calibration solutions (DIN).	285201370
Lab 850 Set	**Laboratory pH meters** Measuring parameters pH, mV, temp., microprocessor, DIN 19262 connection. Including cover Z 880, stand S4D Z 865, power supply Z 850, pH-temp. combination electrode BlueLine 14 pH, calibration solutions (DIN).	285201310
Lab 860	**Laboratory pH meters** Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, data storage for 800 data, GLP conform, DIN 19262 connection. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201320
Lab 860 BNC	**Laboratory pH meters** Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, data storage for 800 data, GLP conform, BNC connection. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201380
Lab 860 BNC Set	**Laboratory pH meters** Measuring parameters pH, mV, temp., micropr., RS 232 C and USB (slave) interface, storage for 800 data, GLP conform, BNC connection. Including cover Z 880, stand S4D Z 865, power supply Z 850, pH-temp. comb. electrode BlueLine 15 pH, calibr. sol. (DIN).	285201390
Lab 860 Set	**Laboratory pH meters** Measuring parameters pH, mV, temp., micropr., RS 232 C and USB (slave) interface, storage for 800 data, GLP conform, DIN 19262 connect. Incl. cover Z 880, stand S4D Z 865, power supply Z 850, pH-temp. comb. electrode BlueLine 14 pH, calibr. sol. (DIN).	285201330
Lab 870	**Laboratory pH meters** Electrode recognition. Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201340
Lab 870 BNC	**Laboratory pH meters** Electrode recognition. Measuring parameters pH, mV, temp., microprocessor, RS 232 C and USB (slave) interface, GLP conform, BNC connection. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201400
Lab 870 BNC Set	**Laboratory pH meters** Electrode recognition. Measuring parameters pH, mV, temp., micropr., RS 232 C and USB (slave) interface, GLP conform, BNC connect. Incl. cover Z 880, stand S4D Z 865, power supply Z 850, pH-temp. comb. electr. BlueLine 15 pH ID, calibr. sol. (DIN).	285201410
Lab 870 Set	**Laboratory pH meters** Electrode recognition. Measuring parameters pH, mV, temp., micropr., RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connect. Incl. cover Z 880, stand S4D Z 865, power supply Z 850, pH-temp. comb. electr. BlueLine 14 pH ID, calibr. sol. (DIN).	285201350

Meters

pH meters

Type No.	Description	Ordering No.
ProLab 1000	**Laboratory pH meters** Sensor and user identification. Meas. param. pH, mV and Temp., Dead-Stop, RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection. Incl. Z 881, Z 865 and Z 850.	285201700
ProLab 1000 BNC	**Laboratory pH meters** Sensor and user identification. Meas. param. pH, mV and Temp., Dead-Stop, RS 232 C and USB (slave) interface, GLP conform, BNC connection. Incl. Z 881, Z 865 and Z 850.	285201720
ProLab 1000 BNC Set	**Laboratory pH meters** Sensor and user identification. Meas. param. pH, mV and Temp., Dead-Stop, RS 232 C and USB (slave) interface, GLP conform, BNC connection. Incl. Z 881, Z 865, Z 850, A 161 1M-BNC-ID and DIN buffers.	285201730
ProLab 1000 Set	**Laboratory pH meters** Sensor and user identification. Meas. param. pH, mV and Temp., Dead-Stop, RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection. Incl. Z 881, Z 865, Z 850, A 161 1M-DIN-ID and DIN buffers.	285201710
ProLab 3000	**Laboratory pH meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. DIN connection. Incl. Z880, Z865 + Z850.	285203600
ProLab 3000 BNC	**Laboratory pH meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. BNC connection. Incl. Z880, Z865 + Z850.	285203620
ProLab 3000 BNC Set	**Laboratory pH meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. BNC connection. Incl. Z880, Z865, Z850, A161 1M-BNC-ID, DIN-Buffer.	285203630
ProLab 3000 Set	**Laboratory pH meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. DIN connection. Incl. Z880, Z865, Z850, A161 1M-DIN-ID, DIN-Buffer.	285203610

Meters

conductivity, oxygen and multi meters

Type No.	Description	Ordering No.
handylab LF11	**Pocket conductivity meter** handylab LF11, individual meter	285203292
handylab LF11/413T	**Pocket conductivity meter carrying case set** handylab LF11, case set, complete, ready to use with 4-pole conductivity cell LF 413T, calibration solutions and plastic beaker	285203310
handylab LF11/513T	**Pocket conductivity meter carrying case set** handylab LF11, case set, complete, ready to use with 2-pole conductivity cell LF 513T, calibration solutions and plastic beaker	285203321
handylab LF11/613T	**Pocket conductivity meter carrying case set** handylab LF11, case set, complete, ready to use with 4-pole conductivity cell LF 613T, calibration solutions and plastic beaker	285203346
handylab LF11/K	**Pocket conductivity meter with carrying case** handylab LF11, individual meter with carrying case	285203276
handylab LF12	**Pocket conductivity meter** handylab LF12, individual meter	285203362
handylab LF12/413T	**Pocket conductivity meter carrying case set** handylab LF12, case set, complete, ready to use with 4-pole conductivity cell LF 413T, calibration solutions and plastic beaker	285203330
handylab LF12/613T	**Pocket conductivity meter carrying case set** handylab LF12, case set, complete, ready to use with 4-pole conductivity cell LF 613T, calibration solutions and plastic beaker	285203379
handylab LF12/K	**Pocket conductivity meter with carrying case** handylab LF12, individual meter with carrying case	285203354
handylab multi12	**Pocket multi-parameter meter** handylab multi12, individual meter	285203502
handylab multi12-Set	**Pocket multi-parameter meter carrying case set** handylab multi12, case set, complete, ready to use with pH combination electrode BlueLine 24-3pH, 4-pole conductivity cell LF 413-3T, oxygen sensor 9009/63, calibration and maintenance accessories	285203519
handylab OX12/K	**Pocket oxygen meter with carrying case** handylab OX12, individual meter with carrying case	1063835
handylab OX12-Set	**Pocket oxygen meter carrying case set** handylab OX12, carrying case set, complete with oxygen sensor 9009/61, calibration and maintenance accessories	285202793
handylab pH/LF12	**Pocket multi-parameter meter** handylab pH/LF12, individual meter	285203465
handylab pH/LF12-Set	**Pocket multi-parameter meter carrying case set** handylab pH/LF12, case set, complete, ready to use with pH combination electrode BlueLine 24-3pH, 4-pole conductivity cell LF 413-3T, calibration and maintenance accessories	285203473

Meters

conductivity, oxygen and multi meters

Type No.	Description	Ordering No.
Lab 960	**Laboratory conductivity meters** Measuring ranges 0.000 µS/cm...500 mS/cm, salinity, total dissolved solids (TDS), temp., RS 232 C and USB (slave) interface, microprocessor, data storage for 800 data, GLP conform. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201420
Lab 960 Set	**Laboratory conductivity meters** Measuring ranges 0.000 µS/cm...500 mS/cm, salinity, total dissolved solids (TDS), temp., RS 232 C and USB (slave) interface, micropr., storage for 800 data, GLP conform. Including cover Z 880, stand S4D Z 865, power supply Z 850, cond. cell LF 413 T.	285201430
Lab 970	**Laboratory conductivity meters** Sensor recognition. Measuring ranges 0.000 µS/cm...500 mS/cm, salinity, total dissolved solids (TDS), temp., RS 232 C and USB (slave) interface, microprocessor, GLP conform. Including cover Z 880, stand S4D Z 865 and power supply Z 850.	285201440
Lab 970 Set	**Laboratory conductivity meters** Sensor recognition. Measuring ranges 0.000 µS/cm...500 mS/cm, salinity, total dissolved solids (TDS), temp., RS 232 C and USB (slave) interface, micropr., GLP conform. Incl. cover Z 880, stand S4D Z 865, power supply Z 850, conductivity cell LF 413 T ID.	285201450
ProLab 2000	**Laboratory multi-parameter meters** Sensor and user identification. Meas. param. pH, mV, ISE, Cond., O2 and Temp., RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection. Incl. Z 881, Z 865 and Z 850.	285201740
ProLab 2000 BNC	**Laboratory multi-parameter meters** Sensor and user identification. Meas. param. pH, mV, ISE, Cond., O2 and Temp., RS 232 C and USB (slave) interface, GLP conform, BNC connection. Incl. Z 881, Z 865 and Z 850.	285201760
ProLab 2000 BNC Set	**Laboratory multi-parameter meters** Sensor and user identification. Meas. param. pH, mV, ISE, Cond., O2 and Temp., RS 232 C and USB (slave) interface, GLP conform, BNC connection. Incl. Z 881, Z 865, Z 850, A 161 1M-BNC-ID, LFOX 1400 ID, DIN buffers and cond. test. sol.	285201770
ProLab 2000 Set	**Laboratory multi-parameter meters** Sensor and user identification. Meas. param. pH, mV, ISE, Cond., O2 and Temp., RS 232 C and USB (slave) interface, GLP conform, DIN 19262 connection. Incl. Z 881, Z 865, Z 850, A 161 1M-DIN-ID, LFOX 1400 ID, DIN buffers and cond. test. sol.	285201750
ProLab 4000	**Laboratory multi-parameter meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Cond + Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. DIN connection. Incl. Z880, Z865 + Z850.	285203640
ProLab 4000 BNC	**Laboratory multi-parameter meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Cond + Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. BNC connection. Incl. Z880, Z865 + Z850.	285203660
ProLab 4000 BNC Set	**Laboratory multi-parameter meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Cond + Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. BNC connection. Incl. Z880, Z865, Z850, A161 1M-BNC-ID, LF413TID, DIN-Buffer, LF-sol.	285203670

Meters

conductivity, oxygen and multi meters

Type No.	Description	Ordering No.
ProLab 4000 Set	**Laboratory multi-parameter meters** Sensor + user identification. QVGA colour display. Menustructured handling. Recorderfunction. Cond + Dual pH, mV, Temp, ISE. RS232-, USB Host + USB Slave interfaces. DIN connection. Incl. Z880, Z865, Z850, A161 1M-DIN-ID, LF413TID, DIN-Buffer, LF-sol.	285203650

Meters

Accessories for pH, conductivity, oxygen and multi meters

Type No.	Description	Ordering No.
	Manufacturer's test certificate for pH, conductivity-, oxygen and multi meters	285209081
	Qualification including Logbook for Lab and ProLab meters (by a SCHOTT Instruments employee or an authorized partner, incl. Journey within Germany, 0.5 days)	285201870
LogLab850	**Logbook** for Lab 850 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285201800
LogLab860	**Logbook** for Lab 860 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285201810
LogLab870	**Logbook** for Lab 870 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285201820
LogLab960	**Logbook** for Lab 960 incl. review by SCHOTT Instruments after resending the filled in documents	285201840
LogLab970	**Logbook** for Lab 970 incl. review by SCHOTT Instruments after resending the filled in documents	285201850
LogProLab1000	**Logbook** for ProLab 1000 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285201830
LogProLab2000	**Logbook** for ProLab 2000 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285201860
LogProLab3000	**Logbook** for ProLab 3000 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285203680
LogProLab4000	**Logbook** for ProLab 4000 (DIN and BNC) incl. review by SCHOTT Instruments after resending the filled in documents	285203690
Z 321	**Polysulfone electrode double clamp** with stainless steel rod	285123074
Z 331	**Electrode double clamp** for stand Z 351, holder for two electrodes or one electrode and one titration tip (TZ 1511 necessary)	285123082
Z 384	**Field armouring set** with holder, carrying handle and shoulder strap, for handylabs	285204848
Z 385	**Protective armouring set** with holder and carrying strap, for handylab pH meters	285204856

Meters

Accessories for pH, conductivity, oxygen and multi meters

Type No.	Description	Ordering No.
Z 386	**Holder set for protective armouring** for handylab oxygen meters	285204864
Z 387	**Protective armouring, elastic rubber with handle support** for handylabs	285204872
Z 390	**RS 232 6pole cable for connection to PC** for Lab 860, Lab 870, Lab 960, Lab 970 and all ProLab Instruments	285201560
Z 391	**Connection cable for printer** only for CG 843(P), CG 853(P), handylab 12	285204918
Z 393	**RS 232 6pole cable for connection to printer Z 870** for all Lab- and ProLab instruments (excluding Lab 850)	285201570
Z 394	**Connection cable for recorder** only for CG 843(P), CG 853(P), handylab 12	285204942
Z 395	**Interface connection cable for PC** Including data transfer software, only for CG 843(P), CG 853(P), all handylab 12	285204959
Z 396	**Software** for all Lab- and ProLab instruments (excluding Lab 850) as well as handylab 12	285201580
Z 800	**Battery set** for Ex pH meter CG 839	285204001
Z 850	**Universal power supply unit, 230 and 120 V** for CG 842, CG 843(P), CG 853(P), all handylab 12 as well as all Lab- and ProLab-meters	285204889
Z 853	**Stand set, including electrode double clamp** for CG 842, CG 843(P), CG 853(P)	285204926
Z 854	**Printer paper, document quality, 3 rolls** for CG 843P, CG 853P	285204934
Z 860	**Adapter DIN socket / BNC plug** for conversion of all pH-meters with DIN entrance into BNC	285205006
Z 865	**Stand set S4D, including arm and electrode holder** for the Lab- and ProLab instruments	285201520
Z 870	**Thermoprinter** for the Lab- and ProLab meters (Z 393 has to be ordered additionally)	285201530
Z 871	**Printer paper, document quality** 1 roll for printer Z 870	285201590
Z 875	**USB cable** for all Lab- and ProLab instruments (excluding Lab 850)	285201540
Z 876	**Transponder** for user identification on all ProLab Instruments	285201890

Meters

Accessories for pH, conductivity, oxygen and multi meters

Type No.	Description	Ordering No.
Z 880	**Cover** for the Lab-meter-family	285201550
Z 881	**Cover** for the ProLab-family	285201880
Z 890	**Universal paper printer** Star SP-712 (9 Dot Matrix Printer). Easy Paper Load. Serial Interface. Overall Dimensions: 160 (W) x 245 (D) x 152 (H) mm. Weight 2,96 kg. Power supply integrated.	285203700
Z 891	**Ribbon (black)** for printer Z890. Lifetime 3 million characters.	285203710
Z 892	**Printer roll** for printer Z890, 1 piece. Universal paper. Width 76 mm, outer diameter 80 mm, inner core 12 mm.	285203720
Z 893	**Connection cable** for the printer Z890 to the Lab (excluing Lab 850) and ProLab meters.	285203730

Electrodes

Overview

Electrodes....16
Ionselective electrodes....52
Titration electrodes....53
Accessories for Electrodes....54
Electrolyte-, buffer-, redox- and calibration solutions....63

Electrodes

Electrodes

Type No.	Description	Ordering No.
9008/15	**Metal electrodes** Glass shaft, flange cap, 5 m fixed cable with free ends, sensor platinum ring, length 120 mm, 12 mm Ø, +0...+70 °C	285111356
9009/22	**Oxygen electrodes** Membrane covered amperometric sensor, plastic shaft, kathode platinum, anode silver, temperature sensor NTC 100 kOhm, flange cap, 2 m fixed cable with free ends, length 120 mm, 12 mm Ø, 0...+50 °C, i.e. for oxygen meter CG 867	285111623
9009/61	**Oxygen electrodes** Membrane covered galvanic sensor, plastic shaft, IMT temperature compensation, incl. maintenance set, 1 m fixed cable with 8-pole plug, length 145 mm, 15.25 mm Ø, 0...+50 °C	285111664
9009/610	**Oxygen electrodes** Membrane covered galvanic sensor, plastic shaft, IMT temperature compensation, incl. maintenance set, 10 m fixed cable with 8-pole plug, length 145 mm, 15.25 mm Ø, 0...+50 °C	285111689
9009/63	**Oxygen electrodes** Membrane covered galvanic sensor, plastic shaft, IMT temperature compensation, incl. maintenance set, 3 m fixed cable with 8-pole plug, length 145 mm, 15.25 mm Ø, 0...+50 °C	285111697
9010/85	**Resistance thermometers with fixed cable** Glass shaft, flange cap, 5 m fixed cable with free end, sensor Pt 100, length 120 mm, 12 mm Ø, -30...+135 °C	285111759
9501/75	**pH glass electrodes with fixed cable and free end** Glass shaft, flange cap, 5 m fixed cable, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 4.6, length 120 mm, 12 mm Ø, 0...+135 °C, 0...14 pH	285114756
9501/85	**pH glass electrodes with fixed cable and free end** Glass shaft, flange cap, 5 m fixed cable, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, 0...+135 °C, 0...14 pH	285114859
9517/85	**pH glass electrodes with fixed cable and free end** Glass shaft, flange cap, 5 m fixed cable, Ag/AgCl-reference system, dome membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, +10...+135 °C, 0...14 pH	285115255
9582/85	**pH combination electrodes with fixed cable and free end** Glass shaft, 5 m fixed cable, Ag/AgCl-reference system, ceramic diaphragm, sphere membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, 0...+135 °C, 0...14 pH	285118655
9583/85	**pH combination electrodes with fixed cable and free end** Glass shaft, 5 m fixed cable, Ag/AgCl-reference system, ground joint diaphragm, sphere membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, 0...+135 °C, 0...14 pH	285118758
9701/85	**pH glass electrodes with fixed cable and free end** Glass shaft, flange cap, 5 m fixed cable, Ag/AgCl-reference system, sphere membrane, L-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, -30...+80°C, 0...14 pH	285118955
9801/85	**Reference electrodes with fixed cable and free end** Low maintenance, glass shaft, ceramic diaphragm, paste electrolyte, Ag/AgCl-reference system, flange cap, 5 m fixed cable, length 120 mm, 12 mm Ø, -5...+50 °C	285117856

Electrodes

Electrodes

Type No.	Description	Ordering No.
9828/95	**Reference electrodes with fixed cable and free end** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, refilling tube, 5 m fixed cable, length 120 mm, 12 mm Ø, +5...+135 °C	285116851
9844/01	**Electrolyte bridges** Glass shaft, ceramic diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118006
9844/02	**Electrolyte bridges** Glass shaft, platinum diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118014
9844/03	**Electrolyte bridges** Glass shaft, triple ceramic diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118022
9844/05	**Electrolyte bridges** Glass shaft, frit diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118047
9844/07	**Electrolyte bridges** Glass shaft, platinum diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118055
9844/11	**Electrolyte bridges** Glass shaft, ceramic diaphragm, flange cap, length 120 mm, -5...+135 °C	285118109
9844/14	**Electrolyte bridges** Glass shaft, ground joint diaphragm, flange cap, length 120 mm, -5...+135 °C	285118117
9844/26	**Electrolyte bridges** PVDF shaft, ceramic diaphragm, flange cap, length 120 mm, -5...+135 °C	285118199
9871/95	**Reference electrodes detachable, according to DIN 19264with fixed cable and free end** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, PPS fitting head, 5 m fixed cable, length 95 mm, -5...+135 °C	285117556
A 1180	**pH glass electrode** Glass shaft, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 7.0, plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 0...14 pH	1057997
A 157	**pH-combination electrodes with plug head** microelectrode, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, SMEK plug head, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285129610
A 157 1M-BNC-ID	**pH-combination electrodes with sensor recognition** microelectrode, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, 1 m fixed cable with BNC + 4 mm banana plug and recognition, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285130170
A 157 1M-DIN-ID	**pH-combination electrodes with sensor recognition** microelectrode, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, 1 m fixed cable with DIN + 4 mm banana plug and recognition, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285130160
A 161	**pH-combination electrodes with plug head** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, SMEK plug head, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129517

Electrodes

Electrodes

Type No.	Description	Ordering No.
A 161 1M-BNC-ID	**pH-combination electrodes with sensor recognition** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, 1 m fixed cable with BNC + 4 mm banana plug and recognition, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130250
A 161 1M-DIN-ID	**pH-combination electrodes with sensor recognition** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, 1 m fixed cable with DIN + 4 mm banana plug and recognition, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130240
A 162	**pH-combination electrodes with plug head** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, SMEK plug head, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129525
A 164	**pH-combination electrodes with plug head** glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, SMEK plug head, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129600
A 164 1M-BNC-ID	**pH-combination electrodes with sensor recognition** glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, 1 m fixed cable with BNC + 4 mm banana plug and recognition, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130290
A 164 1M-DIN-ID	**pH-combination electrodes with sensor recognition** glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, A glass, 1 m fixed cable with DIN + 4 mm banana plug and recognition, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130280
A 7780	**pH-combination electrodes with plug head** Glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285101260
A 7780 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, temperature sensor Pt 1000, sphere membrane, A-glass, 1 m fixed cable with BNC + 4 mm banana plug and recognition, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285130210
A 7780 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, temperature sensor Pt 1000, sphere membrane, A-glass, 1 m fixed cable with DIN + 4 mm banana plug and recognition, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285130200
A 7780 NTC30 DIN N	**pH-combination electrodes with 1 m fixed cable** Glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, temperature sensor NTC 30 kOhm, sphere membrane, A-glass, 1 m fixed cable with DIN + 4 mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285101290
A 7781 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285118130
A 7781-225 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, sphere membrane, A-glass, length 225 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285114760

Electrodes

Electrodes

Type No.	Description	Ordering No.
Ag 1100	**Metal electrodes** Glass shaft, sensor silver cap 4 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285103607
Ag 1101	**Metal electrodes** PVDF shaft, sensor silver pin 2 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+70 °C	285111048
Ag 42 A	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, 1 m fixed cable with DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C	285102051
Ag 6180	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, plug head, length 170 mm, 12 mm Ø, -5...+100 °C	285102208
Ag 6280	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102343
Ag 6580	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, tapper NS 14.5, plug head, length 103 mm, 12 mm Ø, -5...+100 °C	285102216
Ag 9080	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, refilling tube, sensor silver pin 2 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285110721
AgCl 62	**Metal combination electrodes** Glass shaft, platinum diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, chlorinated, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102413
AgCl 6280	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, chlorinated, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102351
AgCl 65	**Metal combination electrodes** Glass shaft, platinum diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, chlorinated, plug head, tapper NS 14.5, length 103 mm, 10 mm Ø, -5...+100 °C	1061051
AgS 6181 HD	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l thickened, Ag/AgCl-reference system, sensor silver pin 2 mm Ø, sulphidized, screw plug head, length 170 mm, 12 mm Ø, -5...+100 °C	285118811
AgS 8281 HD	**Metal combination electrodes** Low maintenance, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, sensor silver pin 2 mm Ø, sulphidized, screw plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285118836

Electrodes

Electrodes

Type No.	Description	Ordering No.
AquaLine 63 LFT	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** 4-pole conductivity cell, plastic shaft, sensor platinum layer, cell constant 1.0 cm-1, temp.-sensor NTC 30 kOhm, SMEK plug head, length 120 mm, 12 mm Ø, -5...+80 °C	285113016
AquaLine 70 pH	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** pH combination electrode, glass shaft, ceramic diaphragm, gel electrolyte, Silamid®-reference system, cone membrane, A-glass, plug head, length 120 mm, 12 mm Ø, -5...+80 °C, 2...13 pH	285113049
AquaLine 79 Pt	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** Redox combination electrode, glass shaft, ceramic diaphragm, gel electrolyte, Silamid®-reference system, sensor platinum disk 4 mm, plug head, length 120 mm, 12 mm Ø, -5...+80 °C, 2...13 pH	285113073
AquaLine 80 pH	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** pH combination electrode, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 2...13 pH	285113098
AquaLine 81 pHT	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** pH-temp. combination electrode, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, temp. sensor Pt 1000, Silamid®-reference system, dome membrane, A-glass, SMEK plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 2...13 pH	285113102
AquaLine 82 pHT	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** pH-temp. combination electrode, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, temp. sensor Pt 100, Silamid®-reference system, dome membrane, A-glass, SMEK plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 2...13 pH	285113119
AquaLine 83 pHT	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** pH-temp. combination electrode, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Temp. sensor NTC 30kOhm, Silamid®-reference system, dome membrane, A-glass, SMEK plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 2...13 pH	285113127
AquaLine 89 Pt	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** Redox combination electrode, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, sensor platinum disk 4 mm, plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 2...13 pH	285113143
AquaLine 90 pH	**AquaLine electrodes for drinking water range, low maintenance, screw plug head** pH combination electrode, plastic shaft, fibre diaphragm, gel electrolyte, Silamid®-reference system, cylinder membrane, A-glass, plug head, length 120 mm, 12 mm Ø, -5...+80 °C, 2...13 pH	285113176
Au 1101	**Metal electrodes** PVDF shaft, sensor gold pin 2 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+70 °C	285111031
Au 6280	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor gold pin 2 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102121
Au 9080	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, plug head, Ag/AgCl-reference system, refilling tube, sensor gold pin 2 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285110787

Electrodes

Electrodes

Type No.	Description	Ordering No.
B 1180-L190-D4	**Micro-Reference electrodes with plug head** Low maintenance, glass shaft, Ag/AgCl-reference system, ceramic diaphragm, paste electrolyte, length 190 mm, 4 mm Ø, -5...+50 °C	285095280
B 1181 HD	**Reference electrodes with screw plug head** Low maintenance, glass shaft, Ag/AgCl-reference system, ceramic diaphragm, paste electrolyte, length 120 mm, 12 mm Ø, -5...+50 °C	285111701
B 1391 HD	**Reference electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, platinum diaphragm, electrolyte KCl 3 mol/l, length 170 mm, 12 mm Ø, +5...+135 °C	285111491
B 1491 HD	**Reference electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, ceramic diaphragm, electrolyte KCl 3 mol/l, length 170 mm, 12 mm Ø, +5...+135 °C	285111504
B 1881 HD	**Reference electrodes with screw plug head** Low maintenance, PVDF shaft, Ag/AgCl-reference system, PVDF diaphragm, paste electrolyte, length 120 mm, 12 mm Ø, -5...+100 °C	285111767
B 1981 HD	**Reference electrodes with screw plug head** Low maintenance, glass shaft, Silamid® reference system, KPG annular gap diaphragm, Referid®-electrolyte, length 120 mm, 12 mm Ø, -5...+100 °C	285111915
B 2220 +	**Reference electrodes** Double electrolyte, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, coax plug head, length 120 mm, 12 mm Ø, -5...+100 °C	1069994
B 2420 +	**Reference electrodes** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, coax plug head, length 120 mm, 12 mm Ø, -5...+100 °C	1070028
B 2810 +	**Reference electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 4.2 mol/l, calomel reference system, coax plug head, length 120 mm, 12 mm Ø, +15...+40 °C	1070029
B 2820 +	**Reference electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, coax plug head, length 120 mm, 12 mm Ø, -5...+100 °C	1070044
B 2910 +	**Reference electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 4.2 mol/l, calomel reference system, +15...+40 °C, coax plug head, length 120 mm, 12 mm Ø	1070077
B 2920 +	**Reference electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, coax plug head, length 120 mm, 12 mm Ø, -5...+100 °C	1070046
B 3410 +	**Reference electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 4.2 mol/l, calomel reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, +15...+40 °C	1070048
B 3420 +	**Reference electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, -5...+100 °C	1070070

Electrodes

Electrodes

Type No.	Description	Ordering No.
B 3510 +	**Reference electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 4.2 mol/l, calomel reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, +15...+40 °C	1070100
B 3520 +	**Reference electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, -5...+100 °C	1070073
B 3610 +	**Reference electrodes** Glass shaft, ceramic diaphragm, electrolyte L 1254, Hg/Hg2SO4-reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, +15...+40 °C	1070074
B 3920 +	**Reference electrodes** Glass shaft, ground joint diaphragm, double-electrolyte system KCl 3 mol/l, Ag/AgCl-reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, -5...+100 °C	1070075
B 4411	**Electrolyte bridges** Glass shaft, ceramic diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118203
B 4441	**Electrolyte bridges** Glass shaft, ground joint diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118211
B 4451	**Electrolyte bridges** Glass shaft, glass frit diaphragm, screwing PG 13.5, length 120 mm, -30...+135 °C	285118228
B 4471	**Electrolyte bridges** Glass shaft, platinum diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118236
B 4491	**Electrolyte bridges** PTFE-shaft, PTFE-diaphragm, screwing PG 13.5, length 120 mm, -5...+135 °C	285118244
B 511	**Electrolyte bridges** Glass shaft, tapper NS 14,5, length 103 mm, ceramic diaphragm	285104209
B 521	**Electrolyte bridges** Glass shaft, plastic tapper, length 120 mm, ceramic diaphragm	285104217
B 522	**Electrolyte bridges** Glass shaft, plastic tapper, length 120 mm, platinum diaphragm	285104225
B 524	**Electrolyte bridges** Glass shaft, plastic tapper, length 120 mm, ground joint diaphragm	285104233
BlueLine 11 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cone membrane, A-glass, plug head, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129114
BlueLine 12 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cone membrane, A-glass, 1 m fixed cable with DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129122
BlueLine 13 pH	**Combination electrodes BlueLine** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cylinder membrane, A-glass, plug head, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129139

Electrodes

Electrodes

Type No.	Description	Ordering No.
BlueLine 14 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cone membrane, A-glass, 1 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129147
BlueLine 14 pH ID	**pH-combination electrodes with sensor recognition** Electrode recognition, Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cone membrane, A-glass, 1 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129440
BlueLine 15 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cone membrane, A-glass, 1 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129155
BlueLine 15 pH Chinch	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cone membrane, A-glass, 1 m fixed cable with BNC- + Chinch plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285095730
BlueLine 15 pH ID	**pH-combination electrodes with sensor recognition** Electrode recognition, Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cone membrane, A-glass, 1 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129450
BlueLine 16 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cylinder membrane, L-glass, length 40/80 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285129163
BlueLine 17 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cone membrane, A-glass, 1 m fixed cable with BNC plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285129171
BlueLine 17 pH-R	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cone membrane, A-glass, 1 m fixed cable with Metrohm plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	1064746
BlueLine 18 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor Pt 1000, cone membrane, A-glass, 1 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129188
BlueLine 19 pH	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor Pt 1000, cone membrane, A-glass, 1 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129190
BlueLine 19 pH NN	**Combination electrodes BlueLine** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-ref. system, temp.-sensor Pt 1000, cone membrane, A-glass, 1 m fixed cable with BNC- + 2 x 4-mm banana plug, length 120 mm, 12 mm Ø, -5...+100° C, 0...14 pH	285129490
BlueLine 21 pH	**Combination electrodes BlueLine** Glass shaft, hole-diaphragm, Referid® electrolyte, Ag/AgCl-reference system, spear membrane, L-glass, plug head, length 65/25 mm, 12/5 mm Ø, -5...+80 °C, 2...13 pH	285129217

Electrodes

Electrodes

Type No.	Description	Ordering No.
BlueLine 21 pH 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Glass shaft, hole-diaphragm, Referid® electrolyte, Ag/AgCl-reference system, spear membrane, L-glass, 1 m fixed cable with BNC-plug and recognition, length 65/25 mm, 12/5 mm Ø, -5...+80 °C, 2...13 pH	285129940
BlueLine 21 pH 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Glass shaft, hole-diaphragm, Referid® electrolyte, Ag/AgCl-reference system, spear membrane, L-glass, 1 m fixed cable with DIN-plug and recognition, length 65/25 mm, 12/5 mm Ø, -5...+80 °C, 2...13 pH	285129930
BlueLine 22 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, plug head, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129225
BlueLine 23 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, 1 m fixed cable with DIN plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129233
BlueLine 23-2 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, 2 m fixed cable with DIN plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	1063462
BlueLine 23-5 pH-S	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, 5 m fixed cable with S plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	1066411
BlueLine 24 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 1 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129241
BlueLine 24-10 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 10 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129620
BlueLine 24-3 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 3 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129533
BlueLine 25 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, 1 m fixed cable with BNC plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129258
BlueLine 25-2 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, 2 m fixed cable with BNC plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	1063461

Electrodes

Electrodes

Type No.	Description	Ordering No.
BlueLine 25-5 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, cylinder membrane, A glass, 5 m fixed cable with BNC plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129540
BlueLine 26 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 1 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129266
BlueLine 26 pH Chinch	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 1 m fixed cable with BNC- + chinch plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285095712
BlueLine 26-3 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 3 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129630
BlueLine 27 pH	**Combination electrodes BlueLine** Glass shaft, KPG-annular-gap-diaphragm, Referid® electrolyte, Ag/AgCl-reference system, flat membrane, L glass, length120 mm, 12 mm Ø, -5...+50 °C, 2...13 pH	285129274
BlueLine 27 pH 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Glass shaft, KPG-annular-gap-diaphragm, Referid® electrolyte, Ag/AgCl-reference system, flat membrane, L glass,1 m fixed cable with BNC-plug and recognition, length120 mm, 12 mm Ø, -5...+50 °C, 2...13 pH	285129960
BlueLine 27 pH 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Glass shaft, KPG-annular-gap-diaphragm, Referid® electrolyte, Ag/AgCl-reference system, flat membrane, L glass,1 m fixed cable with DIN-plug and recognition, length120 mm, 12 mm Ø, -5...+50 °C, 2...13 pH	285129950
BlueLine 28 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor Pt 1000, cylinder membrane, A glass, 1 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129282
BlueLine 28 pH -P	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor Pt 1000, cylinder membrane, A glass, 1 m fixed cable with DIN- +2-mm pin plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	1065896
BlueLine 28-5 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor Pt 1000, cylinder membrane, A glass, 5 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129570
BlueLine 29 pH	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor Pt 1000, cylinder membrane, A glass, 1 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	1065895

Electrodes

Electrodes

Type No.	Description	Ordering No.
BlueLine 29 pH -P	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, temp.-sensor Pt 1000, cylinder membrane, A glass, 1 m fixed cable with BNC- +2-mm pin plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	1065894
BlueLine 31 Rx	**Combination electrodes BlueLine** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor platinum disk 4 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285129311
BlueLine 32 RX	**Combination electrodes BlueLine** Plastic shaft, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, sensor platinum pin 1 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+80 °C	285129320
BlueLine 32 RX 5mA	**Combination electrodes BlueLine** Plastic shaft, 5 m fixed cable with DIN plug, fibre-diaphragm, gel electrolyte, Ag/AgCl-reference system, sensor platinum pin 1 mm Ø, length 120 mm, 12 mm Ø, -5...+80 °C	285129560
BlueLine 48 LF	**Combination electrodes BlueLine** Stainless steel shaft, 2-pole cell, 1m fixed cable with 8-pole plug, sensor stainless steel, cell constant 0.1 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12mm Ø, -5...+100°C	285129488
BlueLine 54 pH	**Combination electrodes BlueLine** Plastic shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 1 m fixed cable with DIN- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129460
BlueLine 56 pH	**Combination electrodes BlueLine** Plastic shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 1 m fixed cable with BNC- +4-mm banana plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129640
BlueLine 56 pH Chinch	**Combination electrodes BlueLine** Plastic shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor NTC 30 kOhm, cylinder membrane, A glass, 1 m fixed cable with BNC- + Chinch plug, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285129650
CellOx 325-20	**Oxygen electrodes** Membrane covered galvanic sensor, plastic shaft, IMT temperature compensation, incl. maintenance set, 20 m fixed cable with 8-pole plug, length 145 mm, 15.25 mm Ø, 0...+50 °C	1063834
DPET 50-120 HD	**Multifunction combination electrodes** Low maintenance double pH-temp. combination electrode, zero point pH = 7.0 and 4.6, glass shaft, temp. sensor NTC 30 kOhm, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, SMEK-plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 2...13	285112471
DPET 50-225 HD	**Multifunction combination electrodes** Low maintenance double pH-temp. combination electrode, zero point pH = 7.0 and 4.6, glass shaft, temp. sensor NTC 30 kOhm, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, SMEK-plug head, length 225 mm, 12 mm Ø, 0...+100 °C, 2...13	285128586
E 1651	**Grounding rod with screw plug head** Stainless steel shaft (1.4571), length 120 mm, 12 mm Ø, -5...+135 °C	285119754

Electrodes

Electrodes

Type No.	Description	Ordering No.
H 1171 HD	**pH glass electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 4.6, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH	285112114
H 1180	**pH glass electrode** Glass shaft, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 7.0, plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285103212
H 1181 HD	**pH glass electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH	285111467
H 1191 HD	**pH glass electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH	285111931
H 161	**pH-combination electrodes with plug head** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l,Silamid® reference, temperature sensor Pt 1000, sphere membrane, H glass, SMEK plug head, length 170 mm, 12 mm Ø, +10...+100 °C, 0...14 pH	285129590
H 161 1M-BNC-ID	**pH-combination electrodes with sensor recognition** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, H glass, 1 m fixed cable with BNC + 4 mm banana plug and recognition, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130270
H 161 1M-DIN-ID	**pH-combination electrodes with sensor recognition** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, H glass, 1 m fixed cable with DIN + 4 mm banana plug and recognition, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130260
H 162	**pH-combination electrodes with plug head** glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Silamid® reference, temperature sensor Pt 1000, sphere membrane, H glass, SMEK plug head, length 120 mm, 12 mm Ø, +10...+100 °C, 0...14 pH	285129580
H 2781 HD	**pH glass electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, dome membrane, H-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, +10...+135 °C, 1...14 pH	285111956
H 61	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285100207
H 61-500	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 500 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285092583
H 61-600	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 600 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285092591
H 6180	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285102524

Electrodes

Electrodes

Type No.	Description	Ordering No.
H 6181 HD	**pH combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, H-glass, plug head, length 170 mm, 12 mm Ø, 0...+135 °C, 0...14 pH	285111426
H 6191 HD	**pH combination electrodes with screw plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, plug head, length 170 mm, 12 mm Ø, 0...+135 °C*, 0...14 pH	285111434
H 62	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285100215
H 6280	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285102532
H 6281	**pH combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285110146
H 6291	**pH combination electrodes with screw plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285111964
H 63	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 320 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285100223
H 6380	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 320 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285102549
H 6381	**pH combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, H-glass, length 320 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285110195
H 6391	**pH combination electrodes with screw plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, H-glass, length 320 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285111923
H 64	**pH-combination electrodes with plug head** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285100231
H 64 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, 1 m fixed cable with BNC plug and recognition, length 170 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285130230
H 64 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, 1 m fixed cable with DIN plug and recognition, length 170 mm, 12 mm Ø, 0...+100 °C, 0...14 pH	285130220

Electrodes

Electrodes

Type No.	Description	Ordering No.
H 6481	**pH combination electrodes with screw plug head** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285110919
H 65	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, tapper NS 14.5, length 103 mm 10 mm Ø, 0...+100 °C, 0...14 pH	285100248
H 6580	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, H-glass, tapper NS 14.5, length 103 mm, 10 mm Ø, 0...+100 °C, 0...14 pH	285102565
H 7381 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, triple ceramic diaphragm, gel electrolyte, Silamid®-reference system, cylinder membrane, H-glass, length 120 mm, 12 mm Ø, -5...+60 °C, 2...13 pH	285090077
H 7381-T1000 HD	**pH combination electrodes with screw plug head** Low maintenance, with temp.-sensor Pt 1000, glass shaft, triple ceramic diaphragm, gel electrolyte, Silamid®-reference system, cylinder membrane, H-glass, SMEK screw plug head, length 120 mm, 12 mm Ø, -5...+80 °C, 2...13 pH	285090140
H 7381-T1000-425 HD	**pH combination electrodes with screw plug head** Low maintenance, with temperature sensor Pt 1000, glass shaft, triple ceramic diaphragm, gel electrolyte, Silamid®-reference system, cylinder membrane, H-glass, length 425 mm, 12 mm Ø, -5...+80 °C, 2...13 pH	1021624
H 8181 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, plug head, length 170 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285111007
H 8281 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285111015
H 8281-T100 HD	**pH combination electrodes with screw plug head** Low maintenance, with temperature sensor Pt 100, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, SMEK plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285094749
H 8281-T1000 HD	**pH combination electrodes with screw plug head** Low maintenance, with temperature sensor Pt 1000, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, SMEK plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285094757
H 8381 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, length 320 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285111023

Electrodes

Electrodes

Type No.	Description	Ordering No.
H 8381-T1000 HD	**pH combination electrodes with screw plug head** Low maintenance, integrated Pt 1000, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, SMEK plug head, length 320 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285094770
H 8481 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, H-glass, plug head, length 225 mm, 12 mm Ø, 0...+100 °C, 2...13 pH	285111072
H 9080	**pH combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, plug head, sphere membrane, refilling tube, H-glass, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285110795
H 9090	**pH combination electrodes with screw plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, plug head, sphere membrane, refilling tube, H-glass, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285110602
H 9180	**pH combination electrodes with screw plug head** Glass shaft, ground joint diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, plug head, sphere membrane, refilling tube, H-glass, length 120 mm, 12 mm Ø, 0...+135 °C, 1...14 pH.	285110951
IL-MICRO-pH-A	**IoLine pH combination electrodes** Micro electrode with plug head, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285114280
IL-MICRO-pH-A-BNC	**IoLine pH combination electrodes** Micro electrode with 1 m cable and BNC plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285114290
IL-MICRO-pH-A-DIN	**IoLine pH combination electrodes** Micro electrode with 1 m cable and DIN plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285113930
IL-MICRO-pHT-A-BNC-N	**IoLine pH combination electrodes** Micro electr. with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, Pt diaphragm, electr. KCl 3 mol/l, Iodine/Iodide-ref. system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285114310
IL-MICRO-pHT-A-DIN-N	**IoLine pH combination electrodes** Micro electr. with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, Pt diaphragm, electr. KCl 3 mol/l, Iodine/Iodide-ref. system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285114300
IL-pH-A120	**IoLine pH combination electrodes** Electrode with plug head, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114150

Electrodes

Electrodes

Type No.	Description	Ordering No.
IL-pH-A120-BNC	**IoLine pH combination electrodes** Electrode with 1 m cable and BNC plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114170
IL-pH-A120-DIN	**IoLine pH combination electrodes** Electrode with 1 m cable and DIN plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113820
IL-pH-A120MF	**IoLine pH combination electrodes** Electrode with plug head, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114140
IL-pH-A120MF-BNC	**IoLine pH combination electrodes** Electrode with 1 m cable and BNC plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114160
IL-pH-A120MF-DIN	**IoLine pH combination electrodes** Electrode with 1 m cable and DIN plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113810
IL-pH-A120MF-R	**IoLine pH combination electrodes** Electrode with 1 m cable and Metrohm plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114410
IL-pH-A170	**IoLine pH combination electrodes** Electrode with plug head, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114190
IL-pH-A170-BNC	**IoLine pH combination electrodes** Electrode with 1 m cable and BNC plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114350
IL-pH-A170-DIN	**IoLine pH combination electrodes** Electrode with 1 m cable and DIN plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113840
IL-pH-A170MF	**IoLine pH combination electrodes** Electrode with plug head, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114180
IL-pH-A170MF-BNC	**IoLine pH combination electrodes** Electrode with 1 m cable and BNC plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114340

Electrodes

Electrodes

Type No.	Description	Ordering No.
IL-pH-A170MF-DIN	**IoLine pH combination electrodes** Electrode with 1 m cable and DIN plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113830
IL-pH-A170MF-R	**IoLine pH combination electrodes** Electrode with 1 m cable and Metrohm plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114420
IL-pHT-A120-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113860
IL-pHT-A120-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113900
IL-pHT-A120MF-BNC-CI	**IoLine pH combination electrodes** Electr.with temp. sensor Pt 1000, 1 m cable with BNC and Chinch plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114370
IL-pHT-A120MF-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113850
IL-pHT-A120MF-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113890
IL-pHT-A120MF-R-NN	**IoLine pH combination electrodes** Electr. with temp. sensor Pt 1000, 1 m cable with Metrohm and two banana plugs, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114390
IL-pHT-A170-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114230
IL-pHT-A170-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113920
IL-pHT-A170MF-BNC-CI	**IoLine pH combination electrodes** Electr.with temp. sensor Pt 1000, 1 m cable with BNC and Chinch plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114380

Electrodes

Electrodes

Type No.	Description	Ordering No.
IL-pHT-A170MF-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114220
IL-pHT-A170MF-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113910
IL-pHT-A170MF-R-NN	**IoLine pH combination electrodes** Electr. with temp. sensor Pt 1000, 1 m cable with Metrohm and two banana plugs, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114400
IL-pHT-H120-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114210
IL-pHT-H120-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113880
IL-pHT-H120MF-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114200
IL-pHT-H120MF-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113870
IL-pHT-H170-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114270
IL-pHT-H170-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114250
IL-pHT-H170MF-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114260
IL-pHT-H170MF-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, H-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114240

Electrodes

Electrodes

Type No.	Description	Ordering No.
IL-SP-pH-A	**IoLine pH combination electrodes** Spear electrode with plug head, glass shaft, 3 x ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, A-glass, length 120 mm, 12/8 mm Ø, -5...+80 °C, 0...14 pH	285114320
IL-SP-pH-A-BNC	**IoLine pH combination electrodes** Spear electrode with 1 m cable and BNC plug, glass shaft, 3 x ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, A-glass, length 120 mm, 12/8 mm Ø, -5...+80 °C, 0...14 pH	285114330
IL-SP-pH-A-DIN	**IoLine pH combination electrodes** Spear electrode with 1 m cable and DIN plug, glass shaft, 3 x ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, A-glass, length 120 mm, 12/8 mm Ø, -5...+80 °C, 0...14 pH	285113940
L 1181 HD	**pH combination electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, sphere membrane, L-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, -30...+80 °C, 0...12 pH	285111475
L 32	**pH combination electrodes with plug head** Plastic shaft, fibre-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+50 °C, 1...13 pH	1061093
L 39	**pH combination electrodes with plug head** Plastic shaft, fibre-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, flat membrane, A-glass, length 120 mm, 12 mm Ø, -5...+50 °C, 1...13 pH	1061094
L 39 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Plastic shaft, fibre-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, flat membrane, A-glass, 1 m fixed cable with BNC-plug and recognition, length 120 mm, 12 mm Ø, -5...+50 °C, 1...13 pH	285130150
L 39 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Plastic shaft, fibre-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, flat membrane, A-glass, 1 m fixed cable with DIN plug and recognition, length 120 mm, 12 mm Ø, -5...+50 °C, 1...13 pH	285130140
L 6191	**pH combination electrodes with screw plug head** Glass shaft, 3 x platinum diaphragm, electrolyte L 200, Silamid® reference system, sphere membrane, L-glass, plug head, length 170 mm, 12 mm Ø, -30...+80 °C, 0...12 pH	285117967
L 6880	**pH-combination electrodes with plug head** Glass shaft, 3 x ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, spear membrane, A-glass, length 120 mm, 12/8 mm Ø, -5...+80 °C, 0...14 pH	285101211
L 6880 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Glass shaft, 3 x ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, spear membrane, A-glass, 1 m fixed cable with BNC-plug and recognition, length 120 mm, 12/8 mm Ø, -5...+80 °C, 0...14 pH	285130110
L 6880 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Glass shaft, 3 x ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, spear membrane, A-glass, 1 m fixed cable with DIN-plug and recognition, length 120 mm, 12/8 mm Ø, -5...+80 °C, 0...14 pH	285130100

Electrodes

Electrodes

Type No.	Description	Ordering No.
L 7780	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, gel electrolyte, Silamid®-reference system, sphere membrane, L-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285101252
L 7781 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, ceramic diaphragm, gel electrolyte, Silamid®-reference system, sphere membrane, L-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 2...12 pH	285118088
L 8280	**pH-combination electrodes with plug head** Glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, dome membrane, L-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 2...12 pH	285101277
L 8281 HD	**pH combination electrodes with screw plug head** Low maintenance, glass shaft, KPG annular gap diaphragm, Referid® electrolyte, Silamid® reference system, dome membrane, L-glass, plug head, length 120 mm, 12 mm Ø, -5...+80 °C, 2...12 pH	285111418
L 8880	**pH-combination electrodes with plug head** Glass shaft, hole-diaphragm, Referid®-electrolyte, Silamid®-reference system, spear membrane, A-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 2...13 pH	285101285
L 9080	**pH combination electrodes with screw plug head** Glass shaft, 3 x ceramic diaphragm, electrolyte L 200, Ag/AgCl-reference system, refilling tube, sphere membrane, L-glass, plug head, length 120 mm, 12 mm Ø, -3-5...+80 °C, 0...12 pH	285118158
L 9090	**pH combination electrodes with screw plug head** Glass shaft, platinum diaphragm, electrolyte L 200, Ag/AgCl-reference system, refilling tube, sphere membrane, L-glass, plug head, length 120 mm, 12 mm Ø, -3-5...+80 °C, 0...12 pH	285118174
L 9180	**pH combination electrodes with screw plug head** Glass shaft, ground joint diaphragm, electrolyte L 200, Ag/AgCl-reference system, refilling tube, sphere membrane, L-glass, plug head, length 120 mm, 12 mm Ø, -30...+80 °C, 0...12 pH	285118166
LF 1051	**Conductivity cells with screw plug head** 2 pole cell, glass shaft, sensor 2 platinum plates, cell constant 0.5 cm-1, length 120 mm, 12 mm Ø, -30...+100 °C	285119808
LF 1100 +	**Conductivity cells with SMEK plug head** 2 pole cell, glass shaft, sensor 2 platinum plates, cell constant 1 cm-1, length 120 mm, 12 mm Ø, -30...+135 °C	1069976
LF 1100 T +	**Conductivity cells with SMEK plug head** 2 pole cell, glass shaft, sensor 2 platinum plates, cell constant 1.0 cm-1, temp.-sensor Pt 1000, length 120 mm, 12 mm Ø, -30...+135 °C	1069977
LF 1101	**Conductivity cells with screw plug head** 2 pole cell, glass shaft, sensor 2 platinum plates, cell constant 1.0 cm-1, length 120 mm, 12 mm Ø, -30...+100 °C	285119816
LF 1101 T	**Conductivity cells with screw plug head** 2 pole cell, glass shaft, sensor 2 platinum plates, cell constant 1.0 cm-1, temp.-sensor Pt 1000, length 120 mm, 12 mm Ø, -30...+100 °C	285119832

Electrodes

Electrodes

Type No.	Description	Ordering No.
LF 1101 T HD	**Conductivity cells with screw plug head** 2 pole cell, glass shaft, sensor 2 platinum plates, cell constant 1.0 cm-1, temp.-sensor Pt 1000, SMEK screw plug head,length 120 mm, 12 mm Ø, -30...+100 °C	285112188
LF 213 T-ID	**Conductivity cells with sensor recognition** Trace cond. cell integrated flow through device stainless steel, 1.5 m cable with 8 pole plug and recognition, sensor stainless steel, cell constant 0.01 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 20 mm Ø, 0...+100 °C	285106160
LF 213T	**Conductivity cells with fixed cable** Trace cond. cell integrated flow through device stainless steel, 1.5 m cable with 8 pole plug, sensor stainless steel, cell constant 0.01 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 20 mm Ø, 0...+100 °C	285106150
LF 313 T-ID	**Conductivity cells with sensor recognition** Ultrapure water cond. cell including flow through device, stainless steel shaft, 1.5 m cable with 8 pole plug and recognition, sensor stainless steel, cell constant 0.1 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -5...+80 °C	285130300
LF 313T	**Conductivity cells with fixed cable** Ultrapure water cond. cell including flow through device, stainless steel shaft, 1.5 m cable with 8 pole plug, sensor stainless steel, cell constant 0.1 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -5...+80 °C	285414360
LF 313T NFTC	**Conductivity cells with fixed cable** Ultrapure water cond. cell without flow through device, stainless steel shaft, 1.5 m cable with 8 pole plug, sensor stainless steel, cell constant 0.1 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, 0...+100 °C	285414351
LF 4100 +	**Conductivity cells with SMEK plug head** 2 pole flow through cell, glass shaft, sensor 2 platinum plates, cell constant 1.0 cm-1, length 120 mm, 12 mm Ø, -30...+135 °C	1069978
LF 413 T-ID	**Conductivity cells with sensor recognition** 4 pole cell, plastic shaft, 1.5 m cable with 8 pole plug and recognition, sensor material graphite, cell constant 0.475 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 15.3 mm Ø, -5...+80 °C	285130310
LF 413T	**Conductivity cells with fixed cable** 4 pole cell, plastic shaft, 1.5 m cable with 8 pole plug, sensor material graphite, cell constant 0.475 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 15.3 mm Ø, -5...+80 °C	285106172
LF 413T-3	**Conductivity cells with fixed cable** 4 pole cell, plastic shaft, 3 m cable with 8 pole plug, sensor material graphite, cell constant 0.475 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 15.3 mm Ø, -5...+80 °C	285106148
LF 4TH 10-120	**Multifunction combination electrodes** 4 pole cell, glass shaft, sensor 4 platinum rings, secondary platinum electrode, temp.-sensor Pt 1000, SMEK plug head, length 120 mm, 12 mm Ø, -5...+80 °C	285126717
LF 4TH 60-120	**Multifunction combination electrodes** same as LF 4TH 10-120, but with VP plug head instead of SMEK plug head	285126725
LF 5100 +	**Conductivity cells with SMEK plug head** 2 pole cell, plastic shaft, sensor 2 platinum rings, cell constant 1.0 cm-1, length 120 mm, 12 mm Ø, -5...+80 °C	1069979

Electrodes

Electrodes

Type No.	Description	Ordering No.
LF 5100 T +	**Conductivity cells with SMEK plug head** 2 pole cell, plastic shaft, sensor 2 platinum rings, cell constant 1.0 cm-1, temp.-sensor Pt 1000, length 120 mm, 12 mm Ø, -5...+80 °C	1069990
LF 5101	**Conductivity cells with screw plug head** 2 pole cell, plastic shaft, sensor 2 platinum rings, cell constant 1.0 cm-1, length 120 mm, 12 mm Ø, 0...+80 °C	285119849
LF 5101 T	**Conductivity cells with screw plug head** 2 pole cell, plastic shaft, sensor 2 platinum rings, cell constant 1.0 cm-1, temp.-sensor Pt 1000, length 120 mm, 12 mm Ø, 0...+80 °C	285119857
LF 513 T	**Conductivity cells with fixed cable** 2 pole cell, plastic shaft, 1m cable with 8 pole plug, sensor 2 platinum rings, cell constant 1.0 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -5...+80 °C	285106037
LF 613 T	**Conductivity cells with fixed cable** 4 pole cell, plastic shaft, 1 m cable with 8 pole plug, sensor 4 platinum rings, cell constant 1.0 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -5...+80 °C	285106131
LF 71 T	**Conductivity cells with screw plug head** 4 pole cell, glass shaft, SMEK plug head, sensor 4 platinum rings, cell constant 1.0 cm-1, temp.-sensor Pt 1000, length 120 mm, 12 mm Ø, -30...+100 °C	285119713
LF 713 T	**Conductivity cells with fixed cable** 4 pole cell, glass shaft, 1 m cable with 8 pole plug, sensor 4 platinum rings, cell constant 1.0 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -30...+135 °C	285106189
LF 713 T-250	**Conductivity cells with fixed cable** 4 pole cell, glass shaft, 1 m cable with 8 pole plug, sensor 4 platinum rings, cell constant 1.0 cm-1, temp.-sensor NTC 30 kOhm, length 250 mm, 12 mm Ø, -30...+135 °C	285106190
LF 813 T	**Conductivity cells with fixed cable** 5 pole cell, plastic shaft, 1 m cable with 8 pole plug, sensor 5 platinum rings, cell constant 0.650 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -5...+80 °C	285106250
LF 913 T	**Conductivity cells with fixed cable** 5 pole cell, glass shaft, 1 m cable with 8 pole plug, sensor 5 platinum rings, cell constant 0.650 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -30...+135 °C	285106260
LF 913 T ID	**Conductivity cells with sensor recognition** Sensor recognition, 5 pole cell, glass shaft, 1 m cable with 8 pole plug, sensor 5 platinum rings, cell constant 0.650 cm-1, temp.-sensor NTC 30 kOhm, length 120 mm, 12 mm Ø, -30...+135 °C	285106270
LFOX 1400	**Conductivity cells with fixed cable** Comb. 4 pole cond. and galvanic oxygen cell, plastic shaft, 3 m cable with 8 pole plug, cond. sensor material graphite, cell constant 0.475 cm-1, temp.-sensor NTC 30 kOhm, length 145 mm, 15.3 mm Ø, 0...+50 °C	285104630
LFOX 1400 ID	**Combined Conductivity/Oxygen cells with sensor recognition** Comb. 4 pole cond. and galvanic oxygen cell, plastic shaft, 3 m cable with 8 pole plug and recognition, cond. sensor material graphite, cell constant 0.475 cm-1, temp.-sensor NTC 30 kOhm, length 145 mm, 15.3 mm Ø, 0...+50 °C	285130330

Electrodes

Electrodes

Type No.	Description	Ordering No.
N 1041 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100486
N 1041 A - 600	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 600 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285093111
N 1041 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 1041 A, but with BNC plug instead of DIN plug	285100531
N 1042 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285104541
N 1042 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 1042 A, but with BNC plug instead of DIN plug	285105476
N 1043 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 320 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285093009
N 1048 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, spear membrane, A-glass, 1 m fixed cable with BNC + 4 mm pin plug and recognition, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130130
N 1048 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, spear membrane, A-glass, 1 m fixed cable with DIN + 4 mm pin plug and recognition, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285130120
N 1048 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, spear membrane, A-glass, DIN + 4 mm banana plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285104611
N 1050 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000	285100375
N 1051 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100510
N 1051 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 1051 A, but with BNC plug instead of DIN plug	285100500

Electrodes

Electrodes

Type No.	Description	Ordering No.
N 1052 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	1054512
N 1052 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 1052 A, but with BNC plug instead of DIN plug	285100380
N 2041 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 2 mm pin plug, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100342
N 2042 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 2 mm pin plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100359
N 2042 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 2042 A, but with BNC plug instead of DIN plug	285100367
N 2981	**pH glass electrodes with screw plug head** Plastic shaft, Ag/AgCl-reference system, sphere membrane, N-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, 0...+80 °C, 0...14 pH	285110208
N 42 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100437
N 42 BNC	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, BNC plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285101544
N 48 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, spear membrane, A-glass, DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100445
N 48 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 48 A, but with BNC plug instead of DIN plug	285101569
N 50 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, DIN plug, length 108 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100453
N 52 A	**pH-combination electrodes with 1 m fixed cable** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid® -reference system, sphere membrane, A-glass, DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100494
N 52 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 52 A, but with BNC plug	285105451
N 5800 A	**pH-combination electrodes with 1 m fixed cable** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, spear membrane, A-glass, DIN plug, tapper NS 7.5, length 96 mm, 5 mm Ø, -5...+100 °C, 0...14 pH	285105127

Electrodes

Electrodes

Type No.	Description	Ordering No.
N 5800 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 5800 A, but with BNC plug	285105579
N 5900 A	**pH-combination electrodes with 1 m fixed cable** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, A-glass, DIN plug, tapper NS 7.5, length 96 mm, 5 mm Ø, -5...+100 °C, 0...14 pH	285105135
N 6000 1M-BNC-ID	**pH-combination electrodes with sensor recognition** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cylinder membrane, A-glass, 1 m fixed cable with BNC-plug and recognition, tapper NS 7.5, length 96 mm, 3 mm Ø, -5...+100 °C, 0...14 pH	285130190
N 6000 1M-DIN-ID	**pH-combination electrodes with sensor recognition** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cylinder membrane, A-glass, 1 m fixed cable with DIN plug and recognition, tapper NS 7.5, length 96 mm, 3 mm Ø, -5...+100 °C, 0...14 pH	285130180
N 6000 A	**pH-combination electrodes with 1 m fixed cable** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cylinder membrane, A-glass, DIN plug, tapper NS 7.5, length 96 mm, 3 mm Ø, -5...+100 °C, 0...14 pH	285105151
N 6000 BNC	**pH-combination electrodes with 1 m fixed cable** same as N 6000 A, but with BNC plug	285105632
N 6003	**pH-combination electrodes with plug head** Microelectrode, suitable for NMR tubes, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, cylinder membrane, A-glass, plug head, length 180 mm, 3 mm Ø, -5...+100 °C, 0...14 pH	285105176
N 61	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid® reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100001
N 6180	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100018
N 61eis	**pH-combination electrodes with plug head** Glass shaft, 3 x platinum diaphragm, electrolyte L 5014, Ag/AgCl reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, +10...+40 °C, 0...14 pH	285092661
N 62	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid® reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100034
N 6250	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 4.2 mol/l, calomel reference system, sphere membrane, N-glass, length 120 mm, 12 mm Ø, +15...+40 °C, 0...14 pH	285100112
N 6280	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100042

Electrodes

Electrodes

Type No.	Description	Ordering No.
N 64	**pH-combination electrodes with plug head** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100059
N 6480 Eis	**pH-combination electrodes with plug head** Glass shaft, ground joint-diaphragm, electrolyte L 5014, Ag/AgCl-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, +10...+40 °C, 0...14 pH	285092337
N 6480 Eth	**pH-combination electrodes with plug head** Glass shaft, ground joint-diaphragm, electrolyte L 5034, Ag/AgCl-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, 0...+40 °C, 0...14 pH	285092329
N 65	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, tapper NS 14.5, length 103 mm 10 mm Ø, -5...+100 °C, 0...14 pH	285100067
N 6580	**pH-combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, tapper NS 14.5, length 103 mm, 10 mm Ø, -5...+100 °C, 0...14 pH	285102516
N 6681	**pH combination electrodes with screw plug head** Glass shaft, ground joint diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, N-glass, length 120 mm, 12 mm Ø, 0...+80 °C*, 0...14 pH	285112352
N 6980	**pH-combination electrodes with plug head** Glass shaft, ground joint-diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, tapper NS 14.5, length 103 mm, 10 mm Ø, -5...+100 °C, 0...14 pH	285101709
Na 61	**Sodium combination electrode** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, Na-glass, measuring range pNa 0...6, length 170 mm, 12 mm Ø, 0...+80 °C,	285100026
NH 1100	**Ammonia combination electrode** Plastic shaft, exchangable membrane modul, measuring range 0.1 mg/l...1000 mg/l, 0...+50 °C, length 120 mm, 12 mm Ø	285102808
NH 1101	**Ammonia combination electrode with screw plug head** Plastic shaft, exchangable membrane modul, measuring range 0.1 mg/l...1000 mg/l, 0...+50 °C, screw plug head, length 120 mm, 12 mm Ø	1064386
OX 1100 +	**Oxygen electrodes** Membrane covered amperometric sensor, plastic shaft, kathode platinum, anode silver, temperature sensor NTC 100 kOhm, SMEK plug head, length 120 mm, 12 mm Ø, 0...+50 °C, i.e. for oxygen meter CG 867	1069975
OX 1101	**Oxygen electrodes with screw plug head** Membrane covered amperometric sensor, plastic shaft, kathode platinum, anode silver, temperature sensor NTC 100 kW, 4-pole plug head, length 120 mm, 12 mm Ø, 0...+50 °C, i.e. for oxygen meter CG 867	285119705

Electrodes

Electrodes

Type No.	Description	Ordering No.
PET 10-170 HD	**Multifunction combination electrodes** pH-temp.-combination electrode, glass shaft, temp.-sensor Pt 1000, Silamid®-reference system, electrolyte L 310, dome membrane, A-glass, SMEK plug head, length 170 mm, 12 mm Ø, 2...14 pH, 0...+135 °C	285127405
PET 26-308	**Multifunction combination electrodes** pH-temp.-combination electrode, glass shaft, temp.-sensor Pt 1000, Silamid®-reference system, electrolyte L 310, 32/130 mm vessel, dome membrane, S-glass, VP plug head, length 308 mm, 12 mm Ø, 2...14 pH, 0...+135 °C	285127627
PET 50-120 HD	**Multifunction combination electrodes** Low maintenance pH-temp. combination electrode, glass shaft, temp. sensor Pt 1000, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, SMEK-plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 1...13 pH	285112455
PET 50-225 HD	**Multifunction combination electrodes** Low maintenance pH-temp. combination electrode, glass shaft, temp. sensor Pt 1000, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, SMEK-plug head, length 225 mm, 12 mm Ø, 0...+100 °C, 1...13 pH	285112496
PETL 10-170 HD	**Multifunction combination electrodes** pH-redox-conductivity-temp.-combination electrode, glass shaft, temp.sensor Pt 1000, Silamid®-reference system, electrolyte L 310, dome membrane, A-glass, SMEK plug head, length 170 mm, 12 mm Ø, 2...14 pH, 0...+135 °C	285112488
PETL 50-120 HD	**Multifunction combination electrodes** Low maintenance pH-redox-cond.-temp. combination electrode, glass shaft, temp. sensor Pt 1000, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, SMEK-plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 1...13 pH	285112463
PETL 50-225 HD	**Multifunction combination electrodes** same as PETL 50-120 HD, but with length 225 mm	285127943
PETR 50-120 HD	**Multifunction combination electrodes** Low mainenance pH-redox-temp. combination electrode, glass shaft, temp. sensor Pt 1000, Referid®-electrolyte, Silamid®-reference system, dome membrane, A-glass, SMEK-plug head, length 120 mm, 12 mm Ø, 0...+100 °C, 1...13 pH	285112209
PETR 50-225 HD	**Multifunction combination electrodes** same as PETR 50-120 HD, but with length 225 mm	285127935
PL 80-120pH	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113490
PL 80-225pH	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113720
PL 80-325pH	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113780

Electrodes

Electrodes

Type No.	Description	Ordering No.
PL 80-360pH	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113790
PL 80-425pH	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113800
PL 81-120pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113500
PL 81-120pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113550
PL 81-225pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113510
PL 81-225pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113560
PL 81-325pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113520
PL 81-325pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113570
PL 81-360pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113530
PL 81-360pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113580
PL 81-425pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113540

Electrodes

Electrodes

Type No.	Description	Ordering No.
PL 81-425pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 1000, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113590
PL 82-120pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113600
PL 82-120pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113650
PL 82-225pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113610
PL 82-225pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113660
PL 82-325pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113620
PL 82-325pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113670
PL 82-360pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113630
PL 82-360pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113680
PL 82-425pHT	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, SMEK screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113640
PL 82-425pHT VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH combination electrode with Pt 100, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sphere membrane, H glass, VP screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113690

Electrodes

Electrodes

Type No.	Description	Ordering No.
PL 89-120Pt	**ProcessLine combination electrodes with screw plug head** Low-maintenance metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sensor platinum disk, screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113700
PL 89-225Pt	**ProcessLine combination electrodes with screw plug head** Low-maintenance metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sensor platinum disk, screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113710
PL 89-325Pt	**ProcessLine combination electrodes with screw plug head** Low-maintenance metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sensor platinum disk, screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113750
PL 89-360Pt	**ProcessLine combination electrodes with screw plug head** Low-maintenance metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sensor platinum disk, screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113760
PL 89-425Pt	**ProcessLine combination electrodes with screw plug head** Low-maintenance metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, sensor platinum disk, screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113770
PL PETR-120	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, dome membrane, H glass, platinum ring, SMEK screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113730
PL PETR-120 VP	**ProcessLine combination electrodes with screw plug head** Low-maintenance pH metal combination electrode, glass shaft, SILAMID® reference, 2 hole diaphragm, DuraLid reference system, dome membrane, H glass, platinum ring, VP screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...130 °C	285113740
Pt 1200	**Metal electrodes** Double platinum electrode, glass shaft, sensor 2 platinum pins 1 mm Ø, plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285103512
Pt 1400	**Metal electrodes** Double platinum electrode, glass shaft, sensor 2 platinum pins 1 mm Ø, tapper NS 14.5, plug head, length 103 mm, 12 mm Ø, -30...+135 °C	285103537
Pt 1800	**Metal electrodes** Glass shaft, sensor platinum ring 6 mm Ø, length 120 mm, 12 mm Ø, -30...+135 °C	285103553
Pt 1801 HD	**Metal combination electrodes with screw plug head** Glass shaft, sensor platinum ring 6 mm Ø, length 120 mm, 12 mm Ø, -30...+135 °C	285112233
Pt 22120	**Sterilizable metal combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 50 mm, Ag/AgCl-reference system, sensor platinum ring 6 mm Ø, length 120 mm, 12 mm Ø, 0...+135 °C	285128364

Electrodes

Electrodes

Type No.	Description	Ordering No.
Pt 42 A	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, 1 m fixed cable with DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C	285102302
Pt 48 A	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor platinum ring 6 mm Ø, 1 m fixed cable with DIN plug, length 120 mm, 12 mm Ø, -5...+100 °C	285102224
Pt 5900 A	**Metal combination electrodes** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor platinum pin 1 mm Ø, 1 m fixed cable with DIN plug, tapper NS 7.5, length 96 mm, 5 mm Ø, -5...+100 °C	285105192
Pt 5900 BNC	**Metal combination electrodes** same as Pt 5900 A, but with BNC plug instead of DIN plug	285105702
Pt 5901	**Metal combination electrodes** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, tapper NS 7.5, length 160 mm, 5 mm Ø, -5...+100 °C	285105065
Pt 61	**Metal combination electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l,Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, length 170 mm, 12 mm Ø, -5...+100 °C	285102002
Pt 6140	**Metal combination electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 4,2 mol/l, Ag/AgCl-reference system, sensor platinum pin 1 mm Ø, plug head, length 150/20 mm, 12/5 mm Ø, +10...+40 °C	285097162
Pt 6180	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, length 170 mm, 12 mm Ø, -5...+100 °C	285102232
Pt 62	**Metal combination electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102019
Pt 6280	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102249
Pt 6580	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, tapper NS 14.5, plug head, length 103 mm, 10 mm Ø, -5...+100 °C	285102257
Pt 6880	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum ring 6 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285100075
Pt 6881	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor platinum ring 6 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285111101

Electrodes

Electrodes

Type No.	Description	Ordering No.
Pt 6980	**Metal combination electrodes** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum ring 6 mm Ø, plug head, length 170 mm, 12 mm Ø, -5...+100 °C	285102265
Pt 6981 HD	**Metal combination electrodes** glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor platinum ring 6 mm Ø, screw plug head, length 170 mm, 12 mm Ø, -5...+100 °C	285111442
Pt 7781 HD	**Metal combination electrodes** Low maintenance, glass shaft, ceramic diaphragm, gel electrolyte, Ag/AgCl-reference system, sensor platinum pin 1 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+60 °C	285110754
Pt 8280	**Metal combination electrodes** Glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Ag/AgCl-reference system, sensor platinum disk 6 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102281
Pt 8281 HD	**Metal combination electrodes** Low maintenance redox-combination electrode, glass shaft, KPG annular gap diaphragm, Referid®-electrolyte, Silamid®-reference system, sensor platinum disk 6 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285112414
Pt 9080	**Metal combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sensor platinum ring 6 mm Ø, refilling tube, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285111089
S 1181 HD	**pH glass electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, sphere membrane, S-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, +10...+135 °C, 2...14 pH	285111483
S 22120	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 50 mm, Ag/AgCl-reference system, cylinder membrane, S glass, length 120 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128056
S 22200	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 50 mm, Ag/AgCl-reference system, cylinder membrane, S glass, length 200 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128072
S 23128	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragms, double-electrolyte system L 310, Ag/AgCl-reference system, cylinder membrane, S glass, length 120 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128607
S 26120	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 130 mm, Ag/AgCl-reference system, cylinder membrane, S glass, length 120 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128348
S 26150	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 130 mm, Ag/AgCl-reference system, cylinder membrane, S glass, length 150 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128331
S 26200	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 130 mm, Ag/AgCl-reference system, cylinder membrane, S glass, length 200 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128356
S 26250	**Sterilizable pH combination electrodes with plug head** Glass shaft, ceramic diaphragm, electrolyte L 310, KCl vessel 130 mm, Ag/AgCl-reference system, cylinder membrane, S glass, length 250 mm, 12 mm Ø, 2...14 pH, +10...+135 °C	285128989

Electrodes

Electrodes

Type No.	Description	Ordering No.
S 2781 HD	**pH glass electrodes with screw plug head** Glass shaft, Ag/AgCl-reference system, dome membrane, S-glass, zeropoint pH = 7.0, length 120 mm, 12 mm Ø, +10...+135 °C, 2...14 pH	285112093
S 6181 HD	**pH combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, S-glass, length 170 mm, 12 mm Ø, +10...+135 °C, 2...14 pH	285111972
S 9080	**pH combination electrodes with screw plug head** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, plug head, sphere membrane, refilling tube, H-glass, length 120 mm, 12 mm Ø, +10...+135 °C, 2...14 pH	285112393
S 9090	**pH combination electrodes with screw plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, plug head, sphere membrane, refilling tube, H-glass, length 120 mm, 12 mm Ø, +10...+135 °C, 2...14 pH	285112422
S 9180	**pH combination electrodes with screw plug head** Glass shaft, ground joint diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, plug head, sphere membrane, refilling tube, H-glass, length 120 mm, 12 mm Ø, +10...+135 °C, 2...14 pH	285112406
Sb 1101	**Metal electrodes** PVDF shaft, sensor antimony pin 6 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -5...+70 °C	285111056
SL 80-120pH	**SteamLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® reference, ceramic diaphragm, pressurized reference system, sphere membrane, S glass, screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113213
SL 80-225pH	**SteamLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® reference, ceramic diaphragm, pressurized reference system, sphere membrane, S glass, screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113246
SL 80-325pH	**SteamLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® reference, ceramic diaphragm, pressurized reference system, sphere membrane, S glass, screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113254
SL 80-360pH	**SteamLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® reference, ceramic diaphragm, pressurized reference system, sphere membrane, S glass, screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113468
SL 80-425pH	**SteamLine combination electrodes with screw plug head** Low-maintenance pH combination electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® reference, ceramic diaphragm, pressurized reference system, sphere membrane, S glass, screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113262

Electrodes

Electrodes

Type No.	Description	Ordering No.
SL 81-120pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 1000, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113221
SL 81-120pHT-VP	**SteamLine combination electrodes with screw plug head** Same as SL81-120pHT but with VP instead of SMEK screw plug head	285113308
SL 81-225pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 1000, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113279
SL 81-225pHT-VP	**SteamLine combination electrodes with screw plug head** Same as SL81-225pHT but with VP instead of SMEK screw plug head	285113316
SL 81-325pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 1000, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113476
SL 81-425pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 1000, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113295
SL 82-120pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 100, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 120 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113238
SL 82-120pHT-VP	**SteamLine combination electrodes with screw plug head** Same as SL82-120pHT but with VP instead of SMEK screw plug head	285113365
SL 82-225pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 100, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 225 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113349
SL 82-225pHT-VP	**SteamLine combination electrodes with screw plug head** Same as SL82-225pHT but with VP instead of SMEK screw plug head	285113373
SL 82-325pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 100, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 325 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113287
SL 82-325pHT-VP	**SteamLine combination electrodes with screw plug head** Same as SL82-325pHT but with VP instead of SMEK screw plug head	285113381
SL 82-360pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 100, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 360 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113484

Electrodes

Electrodes

Type No.	Description	Ordering No.
SL 82-425pHT	**SteamLine combination electrodes with screw plug head** Low-maint. pH comb. electrode with Pt 100, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphr., pressurized ref. system, sphere membrane, S glass, SMEK screw plug head, length 425 mm, 12 mm Ø, 0...14 pH, 0...140 °C	285113357
SL 82-425pHT-VP	**SteamLine combination electrodes with screw plug head** Same as SL82-425pHT but with VP instead of SMEK screw plug head	285113398
SL 89-120Pt	**SteamLine combination electrodes with screw plug head** Low-maintenance metal comb. electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphragm, pressurized ref. system, sensor platinum disk, screw plug head, length 120 mm, 12 mm Ø, 0...140 °C	285113402
SL 89-225Pt	**SteamLine combination electrodes with screw plug head** Low-maintenance metal comb. electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphragm, pressurized ref. system, sensor platinum disk, screw plug head, length 225 mm, 12 mm Ø, 0...140 °C	285113419
SL 89-325Pt	**SteamLine combination electrodes with screw plug head** Low-maintenance metal comb. electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphragm, pressurized ref. system, sensor platinum disk, screw plug head, length 325 mm, 12 mm Ø, 0...140 °C	285113427
SL 89-425Pt	**SteamLine combination electrodes with screw plug head** Low-maintenance metal comb. electrode, hot steam sterilizable, CIP and SIP able, glass shaft, SILAMID® ref., ceramic diaphragm, pressurized ref. system, sensor platinum disk, screw plug head, length 425 mm, 12 mm Ø, 0...140 °C	285113443
W 2021	**Resistance thermometers with screw plug head** Stainless steel shaft (1.4571), sensor Pt 100, length 120 mm, 12 mm Ø, -30...+135 °C	285119113
W 2021 HD	**Resistance thermometers with screw plug head** Stainless steel shaft (1.4571), sensor Pt 100, SMEK screw plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285112011
W 2030 +	**Resistance thermometers** Glass shaft, sensor Pt 100, SMEK plug head, length 120 mm, 12 mm Ø, -30...+135 °C	1069991
W 2041	**Resistance thermometers with screw plug head** glass shaft, sensor Pt 100, length 120 mm, 12 mm Ø, -30...+135 °C	285119068
W 2061 HD	**Resistance thermometers with screw plug head** Glass shaft, sensor Pt 100 + secondary platinum electrode, SMEK screw plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285112036
W 2081	**Resistance thermometers with screw plug head** Glass shaft, sensor Pt 100, length 120 mm, 12 mm Ø, -30...+135 °C	285119162
W 2081 HD	**Resistance thermometers with screw plug head** Glass shaft, sensor Pt 100, SMEK screw plug headlength 120 mm, 12 mm Ø, -30...+135 °C	285112044
W 2121	**Resistance thermometers with screw plug head** Stainless steel shaft (1.4571), sensor Pt 1000, length 120 mm, 12 mm Ø, -30...+135 °C	285119187

Electrodes

Electrodes

Type No.	Description	Ordering No.
W 2130 +	**Resistance thermometers** Glass shaft, sensor Pt 1000, SMEK plug head, length 120 mm, 12 mm Ø, -30...+135 °C	1069992
W 2161	**Resistance thermometers with screw plug head** Glass shaft, sensor Pt 1000 + secondary platinum electrode, length 120 mm, 12 mm Ø, -30...+135 °C	285119208
W 2161 HD	**Resistance thermometers with screw plug head** Glass shaft, sensor Pt 1000 + secondary platinum electrode, SMEK screw plug head, length 120 mm, 12 mm Ø, -30...+135 °C	1061459
W 2180-KOAX	**Resistance thermometers** Glass shaft, sensor Pt 1000, KOAX plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285119030
W 4011	**Resistance thermometers with screw plug head** PVDF shaft, sensor Pt 100, length 120 mm, 12 mm Ø, -30...+135 °C	285119619
W 4081	**Resistance thermometers with screw plug head** Glass shaft, sensor 2 x Pt 100, length 120 mm, 12 mm Ø, -30...+135 °C	285119627
W 5780 NN	**Resistance thermometers** Glass shaft, sensor Pt 1000, 1 m fixed cable with 2 x 4 mm banana plugs, length 120 mm, 6 mm Ø, -30...+135 °C	285105221
W 5790 NN	**Resistance thermometers** Stainless steel shaft (V4A), sensor Pt 1000, 2 x 4 mm banana plugs, length 120 mm, 4 mm Ø, -30...+135 °C	285105254
W 5790 PP	**Resistance thermometers** Stainless steel shaft (V4A), sensor Pt 1000, 2 x 2 mm pin plugs, length 120 mm, 4 mm Ø, -30...+135 °C	285105776
W 5791 NN	**Resistance thermometers** Stainless steel shaft (V4A), sensor Pt 1000, 2 x 4 mm banana plugs, length 170 mm, 4 mm Ø, -30...+135 °C	285105262
W 5980 NN	**Glass shaft** Glass shaft, sensor Pt 1000, 1 m fixed cable with 2 x 4 mm banana plugs, length 96 mm, 5 mm Ø, -30...+135 °C	285105287
Wo 1101 HD	**Metal electrodes** glass shaft, sensor wolfram pin 2 mm Ø, screw plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285097216

Electrodes

Ionselective electrodes

Type No.	Description	Ordering No.
AG-S 60	**Ionselective combination electrodes with plug head** for the determination of Sulfide-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 2...12, Measuring range.: 0.003...32000 mg/l	285130400
BR 60	**Ionselective combination electrodes with plug head** for the determination of Bromide-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 1...12, Measuring range.: 0.4...79000 mg/l	285130420
CA 60	**Ionselective combination electrodes with plug head** for the determination of Calcium-ions, matrix electrode, Temp.range: 0...+40°C, pH-range: 2.5...11, Measuring range.: 0.02...40000 mg/l	285130380
Cl 60	**Ionselective combination electrodes with plug head** for the determination of Chloride-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 2...12, Measuring range.: 2...35000 mg/l	285130350
CN 60	**Ionselective combination electrodes with plug head** for the determination of Cyanide-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 0...14, Measuring range.: 0.2...260 mg/l	285130390
CU 60	**Ionselective combination electrodes with plug head** for the determination of Copper-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 2...6, Measuring range.: 0.0006...6400 mg/l	285130430
F 60	**Ionselective combination electrodes with plug head** for the determination of Fluoride-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 5...7, Measuring range.: 0.02 mg/l...sat.	285130340
I 60	**Ionselective combination electrodes with plug head** for the determination of Iodide-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 0...14, Measuring range.: 0.006...127000 mg/l	285130410
K 60	**Ionselective combination electrodes with plug head** for the determination of Potassium-ions, matrix electrode, Temp.range: 0...+40°C, pH-range: 2...12, Measuring range.: 0.04...39000 mg/l	285130370
NO 60	**Ionselective combination electrodes with plug head** for the determination of Nitrate-ions, matrix electrode, Temp.range: 0...+40°C, pH-range: 2.5...11, Measuring range.: 0.4...62000 mg/l	285130360
PB 60	**Ionselective combination electrodes with plug head** for the determination of Lead-ions, solid state body electrode, Temp.range: 0...+80°C, pH-range: 4...7, Measuring range.: 0.2...20000 mg/l	285130440

Electrodes

Titration electrodes

Type No.	Description	Ordering No.
Ca 1100 A	**Ion selective indicator electrodes** Calcium electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216314
Cu 1100 A	**Ion selective indicator electrodes** Copper electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216312
F 1100 A	**Ion selective indicator electrodes** Fluoride electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216313
KF 1100	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for TZ 1770 and TZ 1772	285102030
KF 1150	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for coulometric titration vessels TZ 1751 and TZ 1754	285102060
N 6480 Eis	**pH-combination electrodes with plug head** Glass shaft, ground joint-diaphragm, electrolyte L 5014, Ag/AgCl-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, +10...+40 °C, 0...14 pH	285092337
Pb 1100 A	**Ion selective indicator electrodes** Lead electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216315
TEN 1100	**Tenside electrode** Measuring sensor for tenside titrations, with plug head, length 120 mm	285096980

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
	Brominating of Ag electrodes additional expenses	285901024
	Chlorinating of Ag electrodes additional expenses	285901032
	Iodating of Ag electrodes additional expenses	285901049
	Sulphidizing of Ag electrodes additional expenses	285901057
9907/00	**Electrode socket, double core** for resistance thermometers and conductivity cells	285126047
9907/01	**Plug cable combinations** Electrode socket, 1 m two core cable up to 80 °C, free end, for resistance thermometer and 2-pole-cond. cell without temp.-sensor	285124613
9907/010	**Plug cable combinations** same as 9907/01, but with cable length 10 m	285124708
9907/05	**Plug cable combinations** same as 9907/01, but with cable length 5 m	285124654
9907/21	**Plug cable combinations** Electrode socket, 1 m two core cable up to 80 °C, 2 x 4 mm banana plugs, for resistance thermometer and 2-pole cond. cell without temp.-sensor (and for platinizing of those cells)	285124716
9908/00	**Electrode plug, double core** for extension cable and for instrument socket 9911/55	285126055
9908/01	**Plug cable combinations** Electrode socket, 1 m two core cable up to 80 °C, electrode plug (extension cable)	285124819
9908/02	**Plug cable combinations** Electrode socket, 2 m two core cable up to 80 °C, electrode plug (extension cable)	285124827
9908/05	**Plug cable combinations** Electrode socket, 5 m two core cable up to 80 °C, electrode plug (extension cable)	285124851
9909/00	**Electrode socket, four core** for resistance thermometers and conductivity cells	285126063
9909/11	**Plug cable combinations** Electrode socket, 1 m four core cable up to 80 °C, free end	285125112
9909/31	**Plug cable combinations** Electrode socket, 1 m two core cable up to 80°C, 2 x 4 mm banana plugs, for platinicing of 2-pole cond. cells without temp.-sensor	285125618
9910/00	**Electrode plug, four core** for extension cable and for instrument socket 9911/56	285126071

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
9910/11	**Plug cable combinations** Electrode socket, 1 m four core cable up to 80 °C, electrode plug, for resistance thermometer, for 2-pole cond. cell with temp.-sensor and as extension cable	285125515
9910/21	**Plug cable combinations** Electrode socket, 1 m four core cable shielded up to 80 °C, electrode plug, for oxygen electrode OX 1100 on CG 867 and as extension cable	285125215
9911/50	**Mounting tool** for electrode sockets 9901/00 and 9905/00	285126088
9911/53	**Instrument socket, coaxial** for electrode plug 9903/00	285126117
9919/21	**Plug cable combinations** Electrode plug (9907/00), 1m 2 core cable, 8-pole instrument plug, for 2 pole-cond. cells without temp. sensor	285125523
9919/41	**Plug cable combinations** Electrode plug (9909/00), 1m 4 core cable, 8-pole instrument plug, for 2 pole-cond. cells with temp. sensor	285125548
9921/51 HD	**Miniature pressure electrodes holder 9921/51 HD** for reference electrodes, combination electrodes with PG 13,5	285051604
9980/51	**Sealing unit** high pressure, O-ring	285051756
9980/65	**PTFE diaphragm** for electrolyte key B 4491 and 9844/21	285126158
A 1 A	**Plug cable combinations** DIN instrument plug, 1 m coaxial cable, DIN instrument plug	285122904
A 1 BNC	**Plug cable combinations** DIN instrument plug, 1 m coaxial cable, BNC instrument plug	285123793
AXX	**Accessories for process electrodes** DIN plug coaxial	285126203
B 1 N	**Plug cable combinations** Reference electrode plug,1m single core cable, 4 mm banana plug, ATTENTION: for new reference electrodes ("+" version) use cable L1N	285121916
B 1 P	**Plug cable combinations** Reference electrode plug,1 m single core cable, 2 mm pin plug	285122012
B 1 X	**Plug cable combinations** Reference electrode plug, 1 m single core cable, free end, ATTENTION: for new reference electrodes ("+" version) use cable K1X	285121813
B 10 X	**Plug cable combinations** Electrode socket, 10 m single core cable up to 135 °C, free end	285124502

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
B 5 X	**Plug cable combinations** Electrode socket, 5 m single core cable up to 135 °C, free end	285121854
BXX	**Electrode socket, single core** for reference electrodes and grounding rod E 1651	285123806
Ca 800/AT	**ISE-Electrodes Accessories** Exchange head for calcium electrode	106656
K 1 A	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, DIN instrument plug	285120217
K 1 BNC	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, BNC instrument plug	285121213
K 1 H	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, Lemo instrument plug	285121119
K 1 N	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, 4 mm banana plug	285122953
K 1 NN	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, 2 x 4 mm banana plugs	285121513
K 1 S	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, S plug (extension cable)	285121616
K 1 X	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, free end	285120011
K 1 X HT	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, 135°C, free end	285124116
K 10 A	**Plug cable combinations** Coaxial electrode plug, 10 m coaxial cable, DIN instrument plug	285120303
K 10 S	**Plug cable combinations** Coaxial electrode plug, 10 m coaxial cable, S plug (extension cable)	285124305
K 10 S HT	**Plug cable combinations** Coaxial electrode plug, 10 m coaxial cable, 135°C, electrode socket (extension cable)	285124408
K 10 X	**Plug cable combinations** Coaxial electrode plug, 10 m coaxial cable, free end	285120106
K 10 X HT	**Plug cable combinations** Coaxial electrode plug, 10 m coaxial cable, 135°C, free end	285124202
K 2 A	**Plug cable combinations** Coaxial electrode plug, 2 m coaxial cable, DIN instrument plug	285120225
K 2 BNC	**Plug cable combinations** Coaxial electrode plug, 2 m coaxial cable, BNC instrument plug	285121221

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
K 2 S	**Plug cable combinations** Coaxial electrode plug, 2 m coaxial cable, S plug (extension cable)	285121624
K 2 S HT	**Plug cable combinations** Coaxial electrode plug, 2 m coaxial cable, 135°C, electrode socket (extension cable)	285124321
K 2 X	**Plug cable combinations** Coaxial electrode plug, 2 m coaxial cable, free end	285120028
K 25 X	**Plug cable combinations** Coaxial electrode plug, 25 m coaxial cable, free end	285120139
K 3 A	**Plug cable combinations** Coaxial electrode plug, 3 m coaxial cable, DIN instrument plug	285120233
K 3 BNC	**Plug cable combinations** Coaxial electrode plug, 3 m coaxial cable, BNC instrument plug	285121238
K 3 S	**Plug cable combinations** Coaxial electrode plug, 3 m coaxial cable, S plug (extension cable)	285121632
K 3 S HT	**Plug cable combinations** Coaxial electrode plug, 3 m coaxial cable, 135°C, electrode socket (extension cable)	285124338
K 3 X	**Plug cable combinations** Coaxial electrode plug, 3 m coaxial cable, free end	285120036
K 5 A	**Plug cable combinations** Coaxial electrode plug, 5 m coaxial cable, DIN instrument plug	285120258
K 5 BNC	**Plug cable combinations** Coaxial electrode plug, 5 m coaxial cable, BNC instrument plug	285121254
K 5 S	**Plug cable combinations** Coaxial electrode plug, 5 m coaxial cable, S plug (extension cable)	285121657
K 5 S HT	**Plug cable combinations** Coaxial electrode plug, 5 m coaxial cable, 135°C, electrode socket (extension cable)	285124354
K 5 X	**Plug cable combinations** Coaxial electrode plug, 5 m coaxial cable, free end	285120052
K 5 X HT	**Plug cable combinations** Coaxial electrode plug, 5 m coaxial cable, 135°C, free end	285124157
K 800/AT	**ISE-Electrodes Accessories** Exchange head for potassium electrode	106672
KA 01	**Cable** Coaxial cable, 5 mm Ø, max. temperature 80°C, price per meter	285123617
KA 02	**Cable** Coaxial cable, 5 mm Ø, max. temperature 135°C, price per meter	285123625

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
KA 03	**Cable** Triaxial cable, 5 mm Ø, max. temperature 80°C, price per meter	285123633
KA 09	**Cable** Four core cable, 5 mm Ø, max. temperature 80°C, price per meter	285123682
KA 18	**Cable** Double coaxial cable, 4 cords, 7.5 mm Ø, max. temperature 120°C, price per meter	285125889
KA 19	**Cable** Coaxial cable, 4 cords, 6 mm Ø, max. temperature 130°C, price per meter	285125897
KXX	**Accessories for process electrodes** Coaxial plug for combination and indicator electrodes	285123703
L 1 A	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, DIN instrument plug	285122456
L 1 BNC	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, BNC instrument plug	285122497
L 1 EE	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, Radiometer instrument plug	285122501
L 1 N	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, 4 mm banana plug	285122457
L 1 NN	**Plug cable combination** coaxial electrode plug, 1 m coaxial cable, 2 x 4 mm banana plugs	285122489
L 1 R	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, Metrohm instrument plug	285122534
L 1 X	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, free end	285122407
LB 1 A	**Plug cable combinations** Coaxial electrode plug (for BlueLine), 1 m coaxial cable, DIN instrument plug	285122653
LB 1 BNC	**Plug cable combinations** Coaxial electrode plug (for BlueLine), 1 m coaxial cable, BNC instrument plug	285122661
LB 3 A	**Plug cable combinations** Coaxial electrode plug (for BlueLine), 3 m coaxial cable, DIN instrument plug	285122678
LS 1 ANN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, DIN instrument plug + 2x 4 mm banana plug	285122707
LS 1 BNCCI	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, BNC + Chinch plug	285122780
LS 1 BNCNN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, BNC instrument plug + 2x 4 mm banana plug	285122723

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
LS 1 D8	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, 8-pole plug	1066726
LS 1 N6	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, 6x 4-mm-Bananenstecker	1066728
LS 1 RNN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, Metrohm instrument plug + 2x 4 mm banana plug	285122756
LS 1 ST4 LF	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, 4-pole plug	1069104
LS 1 ST4 OX	**Plug cable combinations** Electrode plug (for SMEK-plug head), 1 m cable, 4-pole plug	1066727
LS 3 ANN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 3 m cable, DIN instrument plug + 2x 4 mm banana plug	285122715
LS 3 BNCNN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 3 m cable, BNC instrument plug + 2x 4 mm banana plug	285122731
LS 3 RNN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 3 m cable, Metrohm instrument plug + 2x 4 mm banana plug	285122764
LS 5 ANN	**Plug cable combinations** Electrode plug (for SMEK-plug head), 5 m cable, DIN instrument plug + 2x 4 mm banana plug	285122748
NH 928	**Electrolyte for ammonia electrodes** in 50 ml plastic bottle, 3 membrane moduls	285126482
NH 995	**Membrane module set** 3 membrane modules, 3 caps	285126499
NO 800/AT	**ISE-Electrodes Accessories** Exchange head for nitrate electrode	106676
NXX	**Accessories for process electrodes** Banana plug 4 mm	285125983
OX 923	**Spare membrane heads** 3 pieces, for oxygen electrodes 9009/61	285126639
OX 925	**Maintenance set (OX 920, OX 921, OX 923 and SF 300)** for oxygen electrodes 9009/61	285126655
OX 929	**Spare membrane heads** 5 pcs., for oxygen electrodes OX 1100/OX 1101	285126277
OxiCal® SL	**Calibration vessel** for oxygen electrodes 9009/61	285126647

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
S/FK	**ISE-Electrodes Accessories** Polishing strips for electrodes with crystalline membrane	180130
SF 300	**Grinding foil** for oxygen electrodes 9009/61	285126622
SMEK-18/05	**Plug cable combinations** SMEK 6-pole electrode socket, 5 m cable KA 18 (2 coaxial + 4 cords) up to 120 °C, free end	285129739
SMEK-18/05 S	**Plug cable combinations** SMEK 6-pole electrode socket, 5 m cable KA 18 (2 coaxial + 4 cords) up to 120 °C, SMEK cable plug	285129866
SMEK-18/10	**Plug cable combinations** SMEK 6-pole electrode socket, 10 m cable KA 18 (2 coaxial + 4 cords) up to 120 °C, free end	285129755
SMEK-18/10 S	**Plug cable combinations** SMEK 6-pole electrode socket, 10 m cable KA 18 (2 coaxial + 4 cords) up to 120 °C, SMEK cable plug	285129874
SMEK-18/20	**Plug cable combinations** SMEK 6-pole electrode socket, 20 m cable KA 18 (2 coaxial + 4 cords) up to 120 °C, free end	285129796
SMEK-19/02	**Plug cable combinations** SMEK 6-pole electrode socket, 2 m cable KA 19 (1 coaxial + 4 cords) up to 130 °C, free end	285129780
SMEK-19/05	**Plug cable combinations** SMEK 6-pole electrode socket, 5 m cable KA 19 (1 coaxial + 4 cords) up to 130 °C, free end	285129747
SMEK-19/05 S	**Plug cable combinations** SMEK 6-pole electrode socket, 5 m cable KA 19 (1 coaxial + 4 cords) up to 130 °C, SMEK cable plug	285129771
SMEK-19/10	**Plug cable combinations** SMEK 6-pole electrode socket, 10 m cable KA 19 (1 coaxial + 4 cords) up to 130 °C, free end	285129763
SMEK-19/10 S	**Plug cable combinations** SMEK 6-pole electrode socket, 10 m cable KA 19 (1 coaxial + 4 cords) up to 130 °C, SMEK cable plug	1011414
SMEK-19/20	**Plug cable combinations** SMEK 6-pole electrode socket, 20 m cable KA 19 (1 coaxial + 4 cords) up to 130 °C, free end	285129800
SMEK-B	**Socket** SMEK cable socket	285129677
SMEK-GB	**Socket** SMEK instrument socket	285123317

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
SMEK-K	**Plug** SMEK plug head	285129669
SMEK-S	**Plug** SMEK cable plug	285129685
SXX	**Coaxial plug** for extension cable and socket UK	285123728
TXX	**Electrode plug, single core** for extension cable and for instrument socket 9911/54	285123752
TZ 1520	**Tapper adapter NS 14.5, PTFE** for electrodes with 12 mm Ø	285215229
VP 6-18/05	**Plug cable combinations** VP 6-pole electrode socket, 5 m cable KA 18 (2 coaxial + 3 cords) up to 120 °C, free end	285129833
VP 6-18/10	**Plug cable combinations** VP 6-pole electrode socket, 10 m cable KA 18 (2 coaxial + 3 cords) up to 120 °C, free end	1011928
VP 6-19/05	**Plug cable combinations** VP 6-pole electrode socket, 5 m cable KA 19 (1 coaxial + 3 cords) up to 130 °C, free end	285129841
Z 135	**Adapter Pg 13.5** for screwing process electrodes with Pg 13.5 head into armatures with a NPT 3/4" thread	285201952
Z 341	**Stainless steel clamp** NS 7.5/16	285123103
Z 388	**Screw Cap GL45** including 5 silicone disks, double sided PTFE coated, hole for storing electrodes	285216090
Z 451	**Measuring and storing vessel** with sleeve NS 7.5/16	285123136
Z 453	**Measuring and storing vessel** Plastic receptacle with squeezing ring sealing and bayonet fastener for electrodes with 12 mm diameter	285123170
Z 461	**Measuring and storing vessel** with sleeve NS 14.5/23	285123152
Z 462	**Flow through measuring vessel** with sleeve NS 14.5/23	285123169
Z 472	**Watering cap** for electrodes with 12 mm shaft	285123185
Z 50	**Accessories for laboratory electrodes** Electrode adapter for Knick	285122961
Z 501	**O-ring seal 10.5/1.5** for electrode plug head	285123193

Electrodes

Accessories for Electrodes

Type No.	Description	Ordering No.
Z 506	**Seal cap** for plugs KXX and BXX	285123214
Z 512	**Seal cap** for BlueLine electrode plug head	285129509

Electrodes

Electrolyte-, buffer-, redox- and calibration solutions

Type No.	Description	Ordering No.
ELY/BR/503	**ISE-Electrolyte solutions in bottles** 250 ml Bridge electrolyte general (except potassium and nitrate)	106575
ELY/BR/503/K	**ISE-Electrolyte solutions in bottles** 250 ml Bridge electrolyte for potassium	106577
ELY/BR/503/N	**ISE-Electrolyte solutions in bottles** 250 ml Bridge electrolyte for nitrate	106576
ES/Br	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l bromide	120120
ES/Ca	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l calcium	120200
ES/CL	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l chloride	120140
ES/Cu	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l copper	120190
ES/F	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l flouride	120160
ES/I	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l iodide	120180
ES/K	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l potassium	120210
ES/NO3	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l nitrate	120220
ES/Pb	**ISE-Standard solutions in bottles** 1000 ml Standard solution conc. 10g/l lead	120100
ISA/Ca	**ISE-Ionic strength adjustment solutions in bottles** 250 ml Ionic strength adjustment solution for calcium	140120
ISA/FK	**ISE-Ionic strength adjustment solutions in bottles** 250 ml Ionic strength adjustment solution for Pb2+, Br-, Cl-, I-, Cu 2+, SCN-, Cd2+	140110
ISA/K	**ISE-Ionic strength adjustment solutions in bottles** 250 ml Ionic strength adjustment solution for K+	106580
L 100	**Buffer solutions in bottles** 1000 ml DURAN® bottle, buffer solution pH = 10.01, sterilized, with manufacturer certificate	285138719
L 1004	**Buffer solutions in bottles** 250 ml DURAN® bottle, buffer solution pH = 10.01, sterilized, with manufacturer certificate	285138057
L 101	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, potassium chloride solution 1 mol/l, sterilized	285136956

Electrodes

Electrolyte-, buffer-, redox- and calibration solutions

Type No.	Description	Ordering No.
L 1254	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, potassium sulphate solution 0.6 mol/l	285138649
L 168	**Buffer solutions in bottles** 1000 ml DURAN® bottle, DIN buffer solution pH = 1.68, sterilized, with manufacturer certificate	285137841
L 1684	**Buffer solutions in bottles** 250 ml DURAN® bottle, DIN buffer solution pH = 1,68, sterilized, with manufacturer certificate	285137677
L 200	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, low temperature electrolyte (-30 °C)	285138151
L 2004	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, low temperature electrolyte (-30 °C)	285138365
L 2114	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, 2 mol/l KNO3 + 0.001 mol/l KCl solution	285138349
L 2214	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, 2 mol/l KNO3 + 0.001 mol/l KCl solution, thickened with Tylose	285136923
L 2224	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, potassium chloride solution 2 mol/l	285138332
L 300	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, potassium chloride solution 3 mol/l, sterilized	285138554
L 3004	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, potassium chloride solution 3 mol/l, sterilized	285138427
L 3008	**Electrolyte solutions in bottles** 50 ml plastic bottle, potassium chloride solution 3 mol/l	285138505
L 3014	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, potassium chloride solution 3 mol/l, Ag/AgCl saturated	285138419
L 310	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, gel 2 mol/l KCl, for sterilizable electrodes	285138468
L 3104	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, gel 2 mol/l KCl, for sterilizable electrodes	285138484
L 320 K	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, gel 2 mol/l KCl for Ag2S electrodes	285138702
L 350	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, potassium chloride solution 3.5 mol/l, sterilized	285138143
L 3504	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, potassium chloride solution 3.5 mol/l, sterilized	285138127
L 400	**Buffer solutions in bottles** 1000 ml DURAN® bottle, buffer solution pH = 4.00, sterilized, with manufacturer certificate	285138727

Electrodes

Electrolyte-, buffer-, redox- and calibration solutions

Type No.	Description	Ordering No.
L 4004	**Buffer solutions in bottles** 250 ml DURAN® bottle, buffer solution pH = 4.00, sterilized, with manufacturer certificate	285138032
L 401	**Buffer solutions in bottles** 1000 ml DURAN® bottle, DIN buffer solution pH = 4.01, sterilized, with manufacturer certificate	285138098
L 4014	**Buffer solutions in bottles** 250 ml DURAN® bottle, DIN buffer solution pH = 4.01, sterilized, with manufacturer certificate	285138008
L 420	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, potassium chloride solution 4.2 mol/l	285138587
L 4204	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, potassium chloride solution 4.2 mol/l	285138608
L 430	**Redox solutions in bottles** 1000 ml DURAN® bottle, redox test solution, 430 mV Pt/calomel, 470 mV Pt/Ag/AgCl	285138184
L 4304	**Redox solutions in bottles** 250 ml DURAN® bottle, redox test solution, 430 mV Pt/calomel, 470 mV Pt/Ag/AgCl	285138168
L 4619	**Redox solutions in FIOLAX® ampoules** 60 ampoules, redox test solution (DIN 38404-C6), 180 mV Pt/calomel, 220 mV Pt/Ag/AgCl	285138373
L 4643	**Redox solutions in FIOLAX® ampoules** 60 ampoules, redox test solution, 430 mV Pt/calomel, 470 mV Pt/Ag/AgCl	285138357
L 4648	**Redox solutions in FIOLAX® ampoules** 3 x 20 ampoules, redox test solution, 180, 430, 600 mV Pt/calomel, 220, 470, 640 mV Pt/Ag/AgCl	285138784
L 4660	**Redox solutions in FIOLAX® ampoules** 60 ampoules, redox test solution, 600 mV Pt/calomel, 640 mV Pt/Ag/AgCl	285138381
L 4690	**Buffer solutions in FIOLAX® ampoules** 2 x 30 ampoules, buffer solution pH = 4.00 / 7.00, sterilized, with manufacturer certificate	285138398
L 4691	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, buffer solution pH = 10.01, sterilized, with manufacturer certificate	285138205
L 4694	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, buffer solution pH = 4.00, sterilized, with manufacturer certificate	285138213
L 4697	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, buffer solution pH = 7.00, sterilized, with manufacturer certificate	285138221
L 4698	**Buffer solutions in FIOLAX® ampoules** 3 x 20 ampoules, buffer solution pH = 4.00 / 7.00 / 10.01, sterilized, with manufacturer certificate	285138192
L 4790	**Buffer solutions in FIOLAX® ampoules** 2 x 30 ampoules, DIN buffer solution pH = 4.01 / 6.87, sterilized, with manufacturer certificate	285138402

Electrodes

Electrolyte-, buffer-, redox- and calibration solutions

Type No.	Description	Ordering No.
L 4791	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, DIN buffer solution pH = 1.68, sterilized, with manufacturer certificate	285137977
L 4794	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, DIN buffer solution pH = 4.01, sterilized, with manufacturer certificate	285138246
L 4796	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, DIN buffer solution pH = 6.87, sterilized, with manufacturer certificate	285138254
L 4797	**Buffer solutions in FIOLAX® ampoules** 3 x 20 ampoules, DIN buffer solution pH = 1.68 / 6.87 / 9.18, sterilized, with manufacturer certificate	285137985
L 4798	**Buffer solutions in FIOLAX® ampoules** 3 x 20 ampoules, DIN buffer solution pH = 4.01 / 6.87 / 9.18, sterilized, with manufacturer certificate	285138238
L 4799	**Buffer solutions in FIOLAX® ampoules** 60 ampoules, DIN buffer solution pH = 9.18, sterilized, with manufacturer certificate	285138262
L 4893/Set	**Buffer solutions in FIOLAX® ampoules** 2 x 9 ampoules, DIN buffer solution pH = 4.01 / 6.87, sterilized, with manufacturer certificate, 50 ml plastic bottle KCl solution 3 mol/l	285138279
L 4895/Set	**Buffer solutions in FIOLAX® ampoules** 2 x 9 ampoules, buffer solution pH = 4.00 / 7.00, sterilized, with manufacturer certificate, 50 ml plastic bottle KCl solution 3 mol/l	285138632
L 5014	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, acetic acid saturated with lithium chloride	285138324
L 5034	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, ethanol saturated with lithium chloride	285138308
L 510	**Cleaning solution** 1000 ml DURAN® bottle, cleaning solution pepsin/hydrochloric acid	285138538
L 5104	**Cleaning solution** 250 ml DURAN® bottle, cleaning solution pepsin/hydrochloric acid	285138295
L 6408	**Electrolyte solutions in bottles** 50 ml plastic bottle, electrolyte for ammonia combination electrodes	285137344
L 6708	**Electrolyte solutions in bottles** 50 ml plastic bottle, electrolyte for oxygen electrodes OX 1100/OX 1101	285138513
L 687	**Buffer solutions in bottles** 1000 ml DURAN® bottle, DIN buffer solution pH = 6.87, sterilized, with manufacturer certificate	285138102
L 6874	**Buffer solutions in bottles** 250 ml DURAN® bottle, DIN buffer solution pH = 6.87, sterilized, with manufacturer certificate	285138016

Electrodes

Electrolyte-, buffer-, redox- and calibration solutions

Type No.	Description	Ordering No.
L 700	**Buffer solutions in bottles** 1000 ml DURAN® bottle, buffer solution pH = 7.00, sterilized, with manufacturer certificate	285138735
L 7004	**Buffer solutions in bottles** 250 ml DURAN® bottle, buffer solution pH = 7.00, sterilized, with manufacturer certificate	285138049
L 911	**Electrolyte solutions in bottles** 1000 ml DURAN® bottle, storage electrolyte solution, sterilized	285138590
L 9114	**Electrolyte solutions in bottles** 250 ml DURAN® bottle, storage electrolyte solution, sterilized	285138560
L 918	**Buffer solutions in bottles** 1000 ml DURAN® bottle, DIN buffer solution pH = 9.18, sterilized, with manufacturer certificate	285138119
L 9184	**Buffer solutions in bottles** 250 ml DURAN® bottle, DIN buffer solution pH = 9.18, sterilized, with manufacturer certificate	285138024
LC 1004 K	**Buffer solutions in bottles** 250 ml plastic bottle, colored buffer solution, pH = 10.01	285139218
LC 4004 K	**Buffer solutions in bottles** 250 ml plastic bottle, colored buffer solution, pH = 4.01	285139156
LC 7004 K	**Buffer solutions in bottles** 250 ml plastic bottle, colored buffer solution, pH = 7.00	285139189
LF 1024 K	**Conductivity test solutions** 250 ml plastic bottle, test solution potassium chloride 0.01 mol/l (1.41 mS/cm)	285136907
LF 990	**Conductivity test solutions in FIOLAX® ampoules** 3 x 6 ampoules, test solution potassium chloride 0.001mol/l (147 µS/cm)	285126503
LF 991	**Conductivity test solutions in FIOLAX® ampoules** 3 x 6 ampoules, test solution potassium chloride 0.01mol/l (1.41 mS/cm)	285126511
LF 992	**Conductivity test solutions in FIOLAX® ampoules** 3 x 6 ampoules, test solution potassium chloride 0.1mol/l (12.9 mS/cm)	285126528
LF 995	**Conductivity test solutions in FIOLAX® ampoules** 3 x 6 ampoules, test solution potassium chloride 0.01/0.1/1 mol/l (1.41/12.9/112 mS/cm)	285126293
LF CSKC 13	**Conductivity test solutions** 250 ml conductivity test solution 1.3 microsiemens/cm, shelf life: sealed 3 months, opened 6 hours	285126530
LF CSKC 5	**Conductivity test solutions** 500 ml conductivity test solution 5 microsiemens/cm, shelf life: sealed 6 months, opend up to the maximum shelf life of 6 months	285126540
LR 40020	**Buffer solutions in a can** 20 l can, buffer solution pH = 4.00	285096006

Electrodes

Electrolyte-, buffer-, redox- and calibration solutions

Type No.	Description	Ordering No.
LR 70020	**Buffer solutions in a can** 20 l can, buffer solution pH = 7.00	285096014
MZ/NH3/CN	**ISE-Ionic strength adjustment solutions in bottles** 250 ml Alcaline solution for the adjustment of the ionic strength for the CN- electrode	150130
OX 060	**Zeropoint solution** 60 ampoules, zeropoint solution for oxygen electrodes, e.g. OX 1100/OX 1101	285138287
OX 920	**Electrolyte solutions in bottles** 50 ml plastic bottle, electrolyte for oxygen electrodes 9009/61	285126606
OX 921	**Cleaning solution** 50 ml plastic bottle, 30 ml cleaning solution for oxygen electrodes 9009/61	285126614
TISAB	**ISE-Ionic strength adjustment solutions in bottles** 4 x 1000 ml Ionic strength adjustment solution for F-	140100
TISAB/NO3	**ISE-Ionic strength adjustment solutions in bottles** 4 x 1000 ml Ionic strength adjustment solution for nitrate	150120

Titration

Overview

Titrators 70

Piston burettes....73

Service....75

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus 76

Accessories and spare parts for TitroLine® KF and TitroLine® KF trace 82

Accessories and spare parts for TITRONIC® basic, TITRONIC® universal and TitroLine® easy 86

Sample changer 88

Accessories and spare parts for sample changer TW alpha/alpha plus 90

Titration electrodes....92

Titration tips....96

Stirrer....98

Titration vessels....99

Cables 101

Accessories and spare parts for TitroLine® alpha 103

Accessories and spare parts for TITRONIC® T 110 and TITRONIC® T 200 107

Titration

Titrators

Type No.	Description	Ordering No.
TitroLine® alpha plus Grundgerät, 115 V	**TitroLine® alpha plus** TitroLine® alpha plus, incl. PC keyboard TZ 2835, stand rod TZ 1510 and holder TZ 1516, titration clamp Z 303, 115 V (without exchange unit)	285216969
TitroLine® alpha plus Grundgerät, 230 V	**TitroLine® alpha plus** TitroLine® alpha plus, incl. PC keyboard TZ 2835, stand rod TZ 1510 and holder TZ 1516, titration clamp Z 303, 230 V (without exchange unit)	285216952
TitroLine® KF trace M1	**TitroLine® KF trace** Module 1, Coulometric KF-Titrator, scope of supply: basic titraton unit, generating electrode TZ 1752 without diaphragm + connecting cable, magnetic stirrer TM 135 , stand rod, titration vessel TZ 1751, micro dual platinium electrode KF 1150	285212258
TitroLine® KF trace M2	**TitroLine® KF trace** Module 2, Coulometric KF-Titrator, scope of supply: basic titraton unit, generating electrode TZ 1752 without diaphragm + connecting cable, TM KF titration stand with pump, stand rod, titration vessel TZ 1754, micro dual platinium electrode KF 1150	285212268
TitroLine® KF trace M3	**TitroLine® KF trace** Module 3, Coulometric KF-Titrator, scope of supply: basic titraton unit, generating electrode TZ 1753 with diaphragm + connecting cable, magnetic stirrer TM 135 , stand rod, titration vessel TZ 1751, micro dual platinium electrode KF 1150	285212278
TitroLine® KF trace M4	**TitroLine® KF trace** Module 4, Coulometric KF-Titrator, scope of supply: basic titraton unit, generating electrode TZ 1753 with diaphragm + connecting cable, TM KF titration stand with pump, stand rod, titration vessel TZ 1754, micro dual platinium electrode KF 1150	285212288
TitroLine® KF-115 V	**TitroLine® KF** Volumetric KF-titrator 115 V, Scope of delivery: Titration unit, TM KF titration stand with built-in stirrer and pump, titration vessel TZ 1770, double platinium electrode KF 1100 and starter kit	285212231
TitroLine® KF-230 V	**TitroLine® KF** Volumetric KF-titrator 230 V, Scope of delivery: Titration unit, TM KF titration stand with built-in stirrer and pump, titration vessel TZ 1770, double platinium electrode KF 1100 and starter kit	285212248
TL 05 plus, 115 V	**TitroLine® alpha plus** TitroLine® alpha plus, 115 V basic unit, with 5 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285215467
TL 05 plus, 230 V	**TitroLine® alpha plus** TitroLine® alpha plus, 230 V basic unit, with 5 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285212934
TL 10 plus, 115 V	**TitroLine® alpha plus** TitroLine® alpha plus, 115 V basic unit, with 10 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285215475
TL 10 plus, 230 V	**TitroLine® alpha plus** TitroLine® alpha plus, 230 V basic unit, with 10 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285216944

Titration

Titrators

Type No.	Description	Ordering No.
TL 20 plus, 115 V	**TitroLine® alpha plus** TitroLine® alpha plus, 115 V basic unit, with 20 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285215631
TL 20 plus, 230 V	**TitroLine® alpha plus** TitroLine® alpha plus, 230 V basic unit, with 20 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285216977
TL 50 plus, 115 V	**TitroLine® alpha plus** TitroLine® alpha plus, 115 V basic unit, with 50 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285215648
TL 50 plus, 230 V	**TitroLine® alpha plus** TitroLine® alpha plus, 230 V basic unit, with 50 ml exchange unit, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285212983
TL alpha 20 + TitriSoft, 230 V	**Titrator module** complette module consists of TL 20 plus, magnetic stirrer TM 135, pH-combination electrode IL-pHT-A120MF-DIN-N, buffer set L 4895 and software TitriSoft 2.6.	285215690
TL alpha 20+ pH Modul, 230 V	**Titrator module** complette module consists of TL 20 plus, magnetic stirrer TM 135, pH-combination electrode IL-pHT-A120MF-DIN-N, electrode cable L 1 A, electrolye set L 4895	285215670
TL alpha 20+ TW Modul, 230 V	**Sample changer module** complette sample changer module consists of TL 20 plus, sample changer TW alpha plus 16, pH-combination electrode N 65, electrode cable L 1 A, electrolye set L 4895 and software TitriSoft 2.6	285215680
TL easy M1 BNC-115 V	**TitroLine® easy module 1** Basic unit without electrode, ready to use with 20 ml dosing unit TZ 3130 with tubes and screw threads, magnetic stirrer TM 96, titration tip with tube, electrode-/ titration tip holder TZ 3660, stand rod TZ 3665, 115 V	285212872
TL easy M1-230 V	**TitroLine® easy module 1** Basic unit without electrode, ready to use with 20 ml dosing unit TZ 3130 with tubes and screw threads, magnetic stirrer TM 96, titration tip with tube, electrode-/ titration tip holder TZ 3660, stand rod TZ 3665, 230 V	285212597
TL easy M2 BNC-115 V	**TitroLine® easy module 2** for pH-titrations, Scope of delivery: as modul 1, with the addition of a pH electrode and buffer set, 115 V	285212831
TL easy M2-230 V	**TitroLine® easy module 2** for pH-titrations, Scope of delivery: as modul 1, with the addition of pH electrode and buffer set, 230 V	285212848
TL easy M3 BNC-115 V	**TitroLine® easy module 3** for halogenide-titrations, Scope of delivery: as module 1, with the addition of silver combination electrode AgCl 62, 115 V	285212856
TL easy M3-230 V	**TitroLine® easy module 3** for halogenide-titrations, Scope of delivery: as module 1, with the addition of silver combination electrode AgCl 62, 230 V	285212864

Titration

Titrators

Type No.	Description	Ordering No.
TL KF 05 plus, 115 V	**TitroLine® alpha plus** for Karl-Fischer titrations, scope of delivery as TL 05 plus, with the addition of titration stand with pump TM KF, titration vessel TZ 1770, micro double platinum electrode KF 1100, 115 V	285215656
TL KF 05 plus, 230 V	**TitroLine® alpha plus** for Karl-Fischer titrations, scope of delivery as TL 05 plus, with the addition of titration stand with pump TM KF, titration vessel TZ 1770, micro double platinum electrode KF 1100, 230 V	285212991
TL KF 10 plus, 115 V	**TitroLine® alpha plus** for Karl-Fischer titrations, scope of delivery as TL 10 plus, with the addition of titration stand with pump TM KF, titration vessel TZ 1770, micro double platinum electrode KF 1100, 115 V	285215664
TL KF 10 plus, 230 V	**TitroLine® alpha plus** for Karl-Fischer titrations, scope of delivery as TL 10 plus, with the addition of titration stand with pump TM KF, titration vessel TZ 1770, micro double platinum electrode KF 1100, 230 V	285213109
TL KF 20 plus, 115 V	**TitroLine® alpha plus** for Karl-Fischer titrations, scope of delivery as TL 20 plus, with the addition of titration stand with pump TM KF, titration vessel TZ 1770, micro double platinum electrode KF 1100, 115 V	285215610
TL KF 20 plus, 230 V	**TitroLine® alpha plus** for Karl-Fischer titrations, scope of delivery as TL 20 plus, with the addition of titration stand with pump TM KF, titration vessel TZ 1770, micro double platinum electrode KF 1100, 230 V	285213130

Titration

Piston burettes

Type No.	Description	Ordering No.
T 110 plus, 115 V	**TITRONIC® T 110 plus** Basic unit with stand rod TZ 1510 and holder TZ 1516, titration clamp Z 303, piston extractor TZ 1513, mains cable, 115 V (without exchange unit)	1007303
T 110 plus, 230 V	**TITRONIC® T 110 plus** Basic unit with stand rod TZ 1510 and holder TZ 1516, titration clamp Z 303, piston extractor TZ 1513, mains cable, 230 V (without exchange unit)	1007302
T basic M1	**TITRONIC® basic** Module 1: Basic unit, ready to use with 20 ml dosing unit TZ 3130 with tubes, screw threads, titration tip with tube electrode-/titration tip holder TZ 3660, stand rod TZ 3665, hand control element TZ 3680, 230 V	285212572
T basic M1 115 V	**TITRONIC® basic** Module 1: Basic unit, ready to use with 20 ml dosing unit TZ 3130 with tubes, screw threads, titration tip with tube electrode-/titration tip holder TZ 3660, stand rod TZ 3665, hand control element TZ 3680, 115 V	285212564
T basic M2	**TITRONIC® basic** Module 2: as module 1, with the addition of magnetic stirrer TM 96, 230 V	285212823
T basic M2 115 V	**TITRONIC® basic** Module 2: as module 1, with the addition of magnetic stirrer TM 96, 115 V	285212815
T universal M1/20-115 V	**TITRONIC® universal** Module 1: Basic unit ready to use with 20 ml dosing unit TZ 3130 with tubes, screw threads, titration tip TZ 1503, electrode-/titration tip holder TZ 3660, stand rod TZ 3665, hand control element TZ 3680, 115 V	285211921
T universal M1/20-230 V	**TITRONIC® universal** Module 1: Basic unit ready to use with 20 ml dosing unit TZ 3130 with tubes, screw threads, titration tip TZ 1503, electrode-/titration tip holder TZ 3660, stand rod TZ 3665, hand control element TZ 3680, 230 V	285212429
T universal M1/50-115 V	**TITRONIC® universal** Module 1: Basic unit ready to use with 50 ml dosing unit TZ 3160 with tubes, screw threads, titration tip TZ 1503, electrode-/titration tip holder TZ 3660, stand rod TZ 3665, manual control TZ 3680, 115 V	285211979
T universal M1/50-230 V	**TITRONIC® universal** Module 1: Basic unit ready to use with 50 ml dosing unit TZ 3160 with tubes, screw threads, titration tip TZ 1503, electrode-/titration tip holder TZ 3660, stand rod TZ 3665, manual control TZ 3680, 230 V	285212445
T universal M2/20-115 V	**TITRONIC® universal** Module 2: with 20 ml dosing unit, as module 1, with the addition of magnetic stirrer TM 96, 115 V	285211962
T universal M2/20-230 V	**TITRONIC® universal** Module 2: with 20 ml dosing unit, as module 1, with the addition of magnetic stirrer TM 96, 230 V	285212437
T universal M2/50-115 V	**TITRONIC® universal** Module 2: with 50 ml dosing unit, as module 1, with the addition of magnetic stirrer TM 96, 115 V	285211987

Titration

Piston burettes

Type No.	Description	Ordering No.
T universal M2/50-230 V	**TITRONIC® universal** Module 2: with 50 ml dosing unit, as module 1, with the addition of magnetic stirrer TM 96, 230 V	285212494

Titration

Service

Type No.	Description	Ordering No.
	installation and set-up installation and set-up of a titration unit in Germany, 0.5 days	285440608
	Manufacturer calibration certificate Manufacturer calibration certificate for piston burettes and titrators	285219082
	Qualification Qualification of a titration unit in Germany, 1 day	285440620
	Service flat Titration Service flat Titration (only Germany)	285440610

Titration

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus

Type No.	Description	Ordering No.
KF 1100	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for TZ 1770 and TZ 1772	285102030
TA 01	**1 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, hoses, drip tube and titration tip	285211313
TA 05 plus	**5 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211038
TA 10 plus	**10 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211046
TA 20 plus	**20 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211054
TA 50 plus	**50 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211062
TM 128	**Rod stirrer** with holder for two standard electrodes and two titration tips, connection to TitroLine® alpha plus (cable: TZ 1581)	285210793
TM 128-Set	**Rod stirrer set** Scope of delivery: TM 128, stand rod TZ 1510 with holder TZ 1516, stirrer rods TZ 1842 and TZ 1843, and power supplay TZ 1858	285215167
TM 135, 115-230 V	**Magnetic stirrer** incl. power supply TZ 1858 for glass vessels up to maximal 500 ml, connection toTitroLine® alpha plus (cable: TZ 1581)	285211013
TM KF	**Titration stand with pump** Scope of delivery: Basic unit with 1 l DURAN ®-reagent bottle TZ 1791, 1 l DURAN®-waste bottle TZ 1792, moisture bottle, tubes and screw threads, power supply TZ 1855 (110 ... 240 V)	285216611
TR 160	**Manual titration controller** for TITRONIC® 110 plus for manual titration, titration speed selectable, volume discharge continously or in increments	285210666
TZ 1052	**KF-drying stove, 230 V** max. temp. +300°C for water determination according to Karl-Fischer method	285214721
TZ 1055	**KF-drying stove, 115 V** max. temp. +300°C for water determination according to Karl-Fischer method	285215183
TZ 1060	**Accessories set** for drying oven TZ 1052 for water determination according to Karl-Fischer method	285218115

Titration

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus

Type No.	Description	Ordering No.
TZ 1065	**Flowmeter** with valve and hose connectors for gas volumes (air, nitrogen) from 50 - 500 ml/min.	285201973
TZ 1201	**DURAN® burette cylinder** colourless, 1 ml, for interchangeable units	285213006
TZ 1201 B	**DURAN® burette cylinder** 1 ml, with UV-protection and screw threads, colourless	285213203
TZ 1205	**DURAN® burette cylinder** 5 ml version for interchangeable units	285213014
TZ 1210	**DURAN® burette cylinder** 10 ml version for interchangeable units	285213022
TZ 1210 B	**DURAN® burette cylinder** 10 ml, with UV-protection and screw threads, colourless	285213228
TZ 1220	**DURAN® burette cylinder** 20 ml version for interchangeable units	285213039
TZ 1220 B	**DURAN® burette cylinder** 20 ml, with UV-protection and screw threads, colourless	285213236
TZ 1220 T	**DURAN® burette cylinder** 20 ml, colourless, temperable, or interchangeable units	285213063
TZ 1250	**DURAN® burette cylinder** 50 ml version for interchangeable units	285213047
TZ 1250 B	**DURAN® burette cylinder** 50 ml, with UV-protection and screw threads, colourless	285213244
TZ 1250 T	**DURAN® burette cylinder** 50 ml, colourless, temperable, or interchangeable units	285213071
TZ 1301	**PTFE piston** with piston rod for 1 ml burette cylinder	285213503
TZ 1305	**PTFE piston** with piston rod for 5 ml burette cylinder	285213511
TZ 1310	**PTFE piston** with piston rod for 10 ml burette cylinder	285213528
TZ 1320	**PTFE piston** with piston rod for 20 ml burette cylinder	285213536
TZ 1350	**PTFE piston** with piston rod for 50 ml burette cylinder	285213544

Titration

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus

Type No.	Description	Ordering No.
TZ 1430	**UV protection coat, lower part** for burette cylinder	285213441
TZ 1431	**UV protection cap** for burette cylinder	285213452
TZ 1507	**Plastic drip off tube (5 pcs.)** for all titrators and piston burettes	285213955
TZ 1510	**Stand rod** stainless steel Ø 10 mm	285213963
TZ 1513	**Piston extraction tool** simplifies piston assembly	285214216
TZ 1516	**Stand rod holder**	285214779
TZ 1721	**Solids trap** made of PVDF with NS 19-Kern, bipartide, for titration vessels TZ 1770	285214619
TZ 1725	**glass weighing funnel** 3 ml	285221130
TZ 1770	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1775 (approx. 30...150 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216677
TZ 1772	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1778 (approx. 80...200 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216693
TZ 1773	**Septum** for TZ 1770 and TZ 1772 (5 pieces)	285216739
TZ 1774	**Joint disk set** for KF titration vessels TZ 1770 and TZ 1772	285216714
TZ 1775	**DURAN glass vessel** (approx. 30...150 ml) for TZ 1770	285216706
TZ 1777	**Adapter** for homogenisator Pt 1200 from Kinematica	285221140
TZ 1778	**DURAN glass vessel** (approx. 80...200 ml) for TZ 1772	285216771
TZ 1779	**Screw threads spare part set** Spare part set for TZ 1770 and TZ 1772	285216788

Titration

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus

Type No.	Description	Ordering No.
TZ 1789	**Starterkit KF** consisting of molecular sieve, needles with syringes and glass wool	285221120
TZ 1790	**TM KF Basic titration stand with pump** Scope of delivery: Basic unit without bottles, tubes and power supply	285216809
TZ 1791	**Reagent bottle** for titration stand TM KF complete	285216817
TZ 1792	**Waste bottle** for titration stand TM KF complete	285216825
TZ 1793	**Moisture bottle** for titration stand TM KF complete	285216833
TZ 1794	**Screwing set** for KF-waste/solvent and drying bottle incl. O-rings	285216842
TZ 1795	**Adapter** for bottles with S 40 thread for TM KF	285216858
TZ 1798	**PTFE-tube** for titration stand TM KF, 1 m, for connection: titration vessel reagent bottle, waste bottle	285216882
TZ 1799	**PVC-tube** for titration stand TM KF, 1 m, for connection: moisture bottle reagent bottle, titration stand, titration stand waste bottle	285216899
TZ 2003	**Plastic drying tube** for bottle sets TZ 2004, TZ 2008 and titration vessels	1070012
TZ 2004	**Bottle set for titration agent** Scope of delivery: 1 l square bottle, brown, bottle attachment with GL 45 thread	285221047
TZ 2005	**Bottle attachment with GL 45 thread** for reagent bottles, e.g. from Riedel-de-Haen Company, Schott	285221055
TZ 2008	**Bottle attachment with S 40 thread** for reagent bottles, Merck	285221088
TZ 2071	**TitriSoft 2.6** titrations software for TitroLine® alpha plus	285221717
TZ 2072	**TitriSoft 2.6P** titrations software, 21 CFR compliant version	285221720
TZ 2835	**PC-keyboard** for TitroLine® alpha plus and TITRONIC® 110 plus	1007852
TZ 3000	**Automatic 3-way-valve** for interchangeable units TA 05 plus ... TA 50 plus	285223007

Titration

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus

Type No.	Description	Ordering No.
TZ 3081	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> Mettler AB-S, PG - balances, 5 m	1007979
TZ 3082	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> Sartorius-balances, 5 m	1007977
TZ 3083	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> Mettler AT, PM-balances, 1.5 m	1007978
TZ 3084	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> TitroLine® alpha plus, TW alpha plus, TITRONIC® 110 plus, 1,5 m	1007974
TZ 3086	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> TitroLine® alpha, TW alpha, TITRONIC® 110/ TITRONIC® 200, 1,5 m	1007975
TZ 3087	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> TITRONIC® universal, 1.5 m	1007976
TZ 3088	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> PC, 5 m	1007972
TZ 3089	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> PC, 10 m	1007973
TZ 3270	**Tube set** tube set, 3 parts for interchangeable units TA 05 plus ... TA 50 plus	1015718
TZ 3285	**Micro valve KF** for titration vessel TZ 1770	285224352
TZ 3300	**Adapter** for Merck Titripac	8252443
TZ 3400	**Tubeset** with 4 x screw sets and 1 x tube, 1 m length	285226107
TZ 3410	**Screw caps** M 8 x 1 for tube connections TitroLine® und TITRONIC®, 5 pcs.	285216050
TZ 3415	**Tube** Ø 3 x 0.5 mm, 1 m length	285226115
TZ 3425	**Tube** Ø 3 x 0.5 mm, 5 m length	285216020
TZ 3428	**Tube** Ø 3 x 0.5 mm, 10 m length	285226125

Titration

Accessories and spare parts for TitroLine® alpha plus and TITRONIC® 110 plus

Type No.	Description	Ordering No.
TZ 3475	**Adapter** Centronics - USB for TitroLine® alpha plus, 230 Volt	285414332
TZ 3478	**Adapter** Centronics - USB for TitroLine® alpha plus, 115 Volt	285414345
TZ 3480	**USB-Printer** HP-Deskjet compatible with adapter USB-Centronics TZ 3475, 230 V	285225670
TZ 4000	**Control unit** Scope of supply: Laptop Latitude with 15 inch display; german keyboard configuration and german Windows XP Pro and Vista	285700010
Z 303	**Titration clamp** for TitroLine® alpha plus und TITRONIC® 110 plus	1007304

Titration

Accessories and spare parts for TitroLine® KF and TitroLine® KF trace

Type No.	Description	Ordering No.
KF 1100	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for TZ 1770 and TZ 1772	285102030
KF 1150	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for coulometric titration vessels TZ 1751 and TZ 1754	285102060
LB 04 NN	**Plug cable combination** coaxial electrode plug, 1 m coaxial cable, 2 x 4 mm banana plugs for KF generating electrode	285122510
TM KF	**Titration stand with pump** Scope of delivery: Basic unit with 1 l DURAN ®-reagent bottle TZ 1791, 1 l DURAN®-waste bottle TZ 1792, moisture bottle, tubes and screw threads, power supply TZ 1855 (110 ... 240 V)	285216611
TZ 1052	**KF-drying stove, 230 V** max. temp. +300°C for water determination according to Karl-Fischer method	285214721
TZ 1055	**KF-drying stove, 115 V** max. temp. +300°C for water determination according to Karl-Fischer method	285215183
TZ 1060	**Accessories set** for drying oven TZ 1052 for water determination according to Karl-Fischer method	285218115
TZ 1065	**Flowmeter** with valve and hose connectors for gas volumes (air, nitrogen) from 50 - 500 ml/min.	285201973
TZ 1505	**DURAN® moisture trap** colourless, with NS 14 for bottle top TZ 1508	285213939
TZ 1510	**Stand rod** stainless steel Ø 10 mm	285213963
TZ 1721	**Solids trap** made of PVDF with NS 19-Kern, bipartide, for titration vessels TZ 1770	285214619
TZ 1725	**glass weighing funnel** 3 ml	285221130
TZ 1748	**Stand rod** stainless steel Ø 10 mm for TitroLine® KF trace	285216560
TZ 1749	**Retaining clamp** for coulometric KF titration vessel TZ 1751 and TZ 1754	285216570
TZ 1751	**Karl-Fischer titration vessel** made out of glass for coulometry with 1 opening NS 19, 1 x NS 7,5 and GL 18	285216630
TZ 1752	**Generating electrode** without diaphragm	285216660
TZ 1753	**Generating electrode** with diaphragm	285216650

Titration

Accessories and spare parts for TitroLine® KF and TitroLine® KF trace

Type No.	Description	Ordering No.
TZ 1754	**Karl-Fischer titration vessel** made out of glass for coulometry with 1 opening NS 19, 1 x NS 7,51 x GL 18 and additionally 2 x NS 14.5	285216640
TZ 1761	**Septum** GL 18 for Karl-Fischer-titration vessel TZ 1751 and TZ 1754 (10 pcs.)	285221224
TZ 1764	**Septum** GL 14 with 2 openings for PTFE-drain- and disspense tube for KF titrationvessel TZ 1754 (3 pcs.)	285221232
TZ 1770	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1775 (approx. 30...150 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216677
TZ 1772	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1778 (approx. 80...200 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216693
TZ 1773	**Septum** for TZ 1770 and TZ 1772 (5 pieces)	285216739
TZ 1774	**Joint disk set** for KF titration vessels TZ 1770 and TZ 1772	285216714
TZ 1775	**DURAN glass vessel** (approx. 30...150 ml) for TZ 1770	285216706
TZ 1777	**Adapter** for homogenisator Pt 1200 from Kinematica	285221140
TZ 1778	**DURAN glass vessel** (approx. 80...200 ml) for TZ 1772	285216771
TZ 1779	**Screw threads spare part set** Spare part set for TZ 1770 and TZ 1772	285216788
TZ 1789	**Starterkit KF** consisting of molecular sieve, needles with syringes and glass wool	285221120
TZ 1790	**TM KF Basic titration stand with pump** Scope of delivery: Basic unit without bottles, tubes and power supply	285216809
TZ 1791	**Reagent bottle** for titration stand TM KF complete	285216817
TZ 1792	**Waste bottle** for titration stand TM KF complete	285216825
TZ 1793	**Moisture bottle** for titration stand TM KF complete	285216833

Titration

Accessories and spare parts for TitroLine® KF and TitroLine® KF trace

Type No.	Description	Ordering No.
TZ 1794	**Screwing set** for KF-waste/solvent and drying bottle incl. O-rings	285216842
TZ 1795	**Adapter** for bottles with S 40 thread for TM KF	285216858
TZ 1798	**PTFE-tube** for titration stand TM KF, 1 m, for connection: titration vessel reagent bottle, waste bottle	285216882
TZ 1799	**PVC-tube** for titration stand TM KF, 1 m, for connection: moisture bottle reagent bottle, titration stand, titration stand waste bottle	285216899
TZ 1853	**Power supply** for TitroLine® KF trace, 100 - 240 V	285212217
TZ 2003	**Plastic drying tube** for bottle sets TZ 2004, TZ 2008 and titration vessels	1070012
TZ 2004	**Bottle set for titration agent** Scope of delivery: 1 l square bottle, brown, bottle attachment with GL 45 thread	285221047
TZ 2008	**Bottle attachment with S 40 thread** for reagent bottles, Merck	285221088
TZ 2073	**KF-Soft, Software TitroLine® KF** for Windows 95/98/NT/2000	285221733
TZ 2835	**PC-keyboard** for TitroLine® KF and TitroLine® KF trace	1007852
TZ 2840	**Adapter** PS2-DIN for PC-keyboard	285216040
TZ 3000	**Automatic 3-way-valve** for TitroLine® KF	285223007
TZ 3130	**20 ml dosing unit complete** including piston, piston rod and UV protection coat	285223718
TZ 3280	**Tube set** 3-part	285224303
TZ 3281	**Sucking tube** Sucking tube valve <-> reagent bottle	285224311
TZ 3282	**Dosing tube** Dosing tube, 0.5 m	285224328
TZ 3283	**Connection tube** Connection tube valve <-> glass cylinder	285224336
TZ 3285	**Micro valve KF** for titration vessel TZ 1770	285224352

Titration

Accessories and spare parts for TitroLine® KF and TitroLine® KF trace

Type No.	Description	Ordering No.
TZ 3300	**Adapter** for Merck Titripac	8252443
TZ 3400	**Tubeset** with 4 x screw sets and 1 x tube, 1 m length	285226107
TZ 3410	**Screw caps** M 8 x 1 for tube connections TitroLine® und TITRONIC®, 5 pcs.	285216050
TZ 3415	**Tube** Ø 3 x 0.5 mm, 1 m length	285226115
TZ 3425	**Tube** Ø 3 x 0.5 mm, 5 m length	285216020
TZ 3428	**Tube** Ø 3 x 0.5 mm, 10 m length	285226125
TZ 3689	**Adapter for UK**	285227596
VZ 6248	**Printer paper** 5 rolls	285411564
VZ 6249	**Ink ribbon** 1 piece	285411572
Z 900	**RS-232-C printer** 100-240 V, thermo printer for TitroLine easy, TitroLine KF, TitroLine KF trace and AVS 470, incl. cable TZ 3090	285225620
Z 905	**Thermal paper for Z 900** with very high durability (5 rolls)	285225630

Titration

Accessories and spare parts for TITRONIC® basic, TITRONIC® universal and TitroLine® easy

Type No.	Description	Ordering No.
TM 96	**Magnetic stirrer** for glass vessels up to maximale 500 ml, speed can be adjusted without discrete steps 0 - 1000 min-1, connection to TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic, TitroLine® 96, TitroLine® easy	285223253
TZ 1507	**Plastic drip off tube (5 pcs.)** for all titrators and piston burettes	285213955
TZ 2003	**Plastic drying tube** for bottle sets TZ 2004, TZ 2008 and titration vessels	1070012
TZ 2004	**Bottle set for titration agent** Scope of delivery: 1 l square bottle, brown, bottle attachment with GL 45 thread	285221047
TZ 2008	**Bottle attachment with S 40 thread** for reagent bottles, Merck	285221088
TZ 2074	**TitroLine® chart** Software for TitroLine® easy	1015738
TZ 3000	**Automatic 3-way-valve**	285223007
TZ 3130	**20 ml dosing unit complete** including piston, piston rod and UV protection coat	285223718
TZ 3160	**50 ml dosing unit complete** including piston, piston rod and UV protection coat for TITRONIC® universal	285223767
TZ 3280	**Tube set** 3-part	285224303
TZ 3281	**Sucking tube** Sucking tube valve <-> reagent bottle	285224311
TZ 3282	**Dosing tube** Dosing tube, 0.5 m	285224328
TZ 3283	**Connection tube** Connection tube valve <-> glass cylinder	285224336
TZ 3300	**Adapter** for Merck Titripac	8252443
TZ 3400	**Tubeset** with 4 x screw sets and 1 x tube, 1 m length	285226107
TZ 3410	**Screw caps** M 8 x 1 for tube connections TitroLine® und TITRONIC®, 5 pcs.	285216050
TZ 3415	**Tube** Ø 3 x 0.5 mm, 1 m length	285226115

Titration

Accessories and spare parts for TITRONIC® basic, TITRONIC® universal and TitroLine® easy

Type No.	Description	Ordering No.
TZ 3425	**Tube** Ø 3 x 0.5 mm, 5 m length	285216020
TZ 3428	**Tube** Ø 3 x 0.5 mm, 10 m length	285226125
TZ 3620	**Titration tip complete with tube** for TITRONIC® basic and TitroLine® easy	285227103
TZ 3630	**Assembly key** for TITRONIC® basic TITRONIC® universal and TitroLine® easy	285227152
TZ 3660	**Electrode-/titration tip holder**	285227309
TZ 3665	**Stand rod**	285227358
TZ 3680	**Hand control element**	285227506
TZ 3689	**Adapter for UK**	285227596
VZ 6248	**Printer paper** 5 rolls	285411564
VZ 6249	**Ink ribbon** 1 piece	285411572
Z 900	**RS-232-C printer** 100-240 V, thermo printer for TitroLine easy, TitroLine KF, TitroLine KF trace and AVS 470, incl. cable TZ 3090	285225620
Z 905	**Thermal paper for Z 900** with very high durability (5 rolls)	285225630

Titration

Sample changer

Type No.	Description	Ordering No.
TW alpha plus 12, 115 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1452 for 12 samples, incl. titration head TZ 1463, mains cable, connection cable TZ 3084 and 20 beakers, 250 ml, low form, 115 V	1007293
TW alpha plus 12, 230 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1452 for 12 samples, incl. titration head TZ 1463, mains cable, connection cable TZ 3084 and 20 beakers, 250 ml, low form, 230 V	1007292
TW alpha plus 16, 115 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1459 for 16 samples, incl. titration head TZ 1463, mains cable, connection cable TZ 3084 and 20 beakers, 150 ml, low form, 115 V	1007295
TW alpha plus 16, 230 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1459 for 16 samples, incl. titration head TZ 1463, mains cable, connection cable TZ 3084 and 20 beakers, 150 ml, low form, 230 V	1007294
TW alpha plus 24, 115 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1454 for 24 samples, incl. titration head TZ 1469, mains cable, connection cable 3084 and 30 beakers, 50 ml, high form, 115 V	1007297
TW alpha plus 24, 230 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1454 for 24 samples, incl. titration head TZ 1469, mains cable, connection cable TZ 3084 and 30 beakers, 50 ml, high form, 230 V	1007296
TW alpha plus CSB, 115 V	**Sample changer TW alpha plus** Basic unit with sample rack TZ 1444 for COD-24 samples according to DIN 38 409, incl. titration head TZ 1461, redox electrode Pt 5901, rod stirrer TZ 1846, titration tip TZ 1648, mains cable and connection cable TZ 3084, 115 V	1007299
TW alpha plus CSB, 230 V	**Sample changer TW alpha plus** Basic unit TW alpha pluswith sample rack TZ 1444 for COD-24 samples according to DIN 38 409, incl. titration head TZ 1461, redox electrode Pt 5901, rod stirrer TZ 1846, titration tip TZ 1648, mains cable and connection cable TZ 3084, 230 V	1007298
TW alpha plus MP, 115 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1459 for 16 samples, incl. titration head TZ 1467, washing unit MP 25, mains cable, connection cable TZ 3084 and 20 beakers, 150 ml, low form, 115 V	1007306
TW alpha plus MP, 230 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1459 for 16 samples, incl. titration head TZ 1467, washing unit MP 25, mains cable, connection cable TZ 3084 and 20 beakers, 150 ml, low form, 230 V	1007305
TW alpha plus TP, 115 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1459 for 16 samples, incl. titration head TZ 1467, washing unit TP 20, mains cable, connection cable TZ 3084 and 20 beakers, 150 ml, low form, 115 V	1007301
TW alpha plus TP, 230 V	**Sample changer TW alpha plus** Basic unit TW alpha plus with sample rack TZ 1459 for 16 samples, incl. titration head TZ 1467, washing unit TP 20, mains cable, connection cable TZ 3084 and 20 beakers, 150 ml, low form, 230 V	1007300

Titration

Sample changer

Type No.	Description	Ordering No.
TW alpha plus, 115 V	**Sample changer TW alpha plus** Basic unit with integrated magnetic stirrer, incl. mains cable and connection cable for rod stirrer TZ 1581, 115 V	1007291
TW alpha plus, 230 V	**Sample changer TW alpha plus** Basic unit with integrated magnetic stirrer, incl. mains cable and connection cable for rod stirrer TZ 1581, 230 V	1007290

Titration

Accessories and spare parts for sample changer TW alpha/alpha plus

Type No.	Description	Ordering No.
MP 25 115 V	**Rinsing unit** Membrane pump MP 25 with accessoirs (5 L - storage bottle, connection tubes, rinsing nozzle, connection cable) for TW alpha/TW alpha plus, 230 V	285216010
MP 25 230 V	**Rinsing unit** Membrane pump MP 25 with accessoirs (5 L - storage bottle, connection tubes, rinsing nozzle, connection cable) for TW alpha/TW alpha plus, 230 V	285216005
TP 20-115 V / 230 V	**Rinsing unit** peristaltic pump with accessories TP 20 for TW alpha/ TW alpha plus	285212334
TZ 1444	**Sample dividers** for 24 COD vessels according to DIN 38 409	285213836
TZ 1452	**Sample dividers** for 12 sample vessels, incl. 20 beakers, 250 ml, low form	285214927
TZ 1454	**Sample dividers** for 24 sample vessels, incl. 30 beakers, 50 ml, high form	285213844
TZ 1459	**Sample dividers** for 16 sample vessels, incl. 20 beakers, 150 ml, low form	285213166
TZ 1461	**Titration head** for COD sample rack TZ 1444	285213622
TZ 1462	**Titration head** for 24 sample rack TZ 1454	285213639
TZ 1463	**Titration head** for 12 (TZ 1452) and 16 sample rack TZ 1459 with 7 drillings NS 14.5	285213647
TZ 1467	**Titration head** for 12 (TZ 1452) and 16 sample rack TZ 1459 with 7 drillings NS 14.5 incl. splash shield and rinsing tube	285213671
TZ 1468	**Set of adapters** for 16 position sample rack TZ 1459. 16 adapters for 100 ml beakers incl. 20 glass beakers 100 ml, low form.	285213877
TZ 1469	**Titration head** for 24 pos. sample rack TZ 1454 with 4 openings (2 x NS 14,5 and 2 x NS 7,5) and 1 adapter for micro electrodes with 6 mm diameter.	285213884
TZ 1490	**Centerring** for 100 ml glass bottles for sample rack TZ 1459	285221160
TZ 1491	**Screw cap** GL 45 pierced for 100 ml glass bottles	285221175
TZ 1492	**Titration head** for KF sample changer	285221182
TZ 1493	**Titration tip** for KF autosampler, complete	285221194

Titration

Accessories and spare parts for sample changer TW alpha/alpha plus

Type No.	Description	Ordering No.
TZ 1494	**Glass bottle** Bottle 100 ml GL 45 DURAN, clear, 10 pcs.	285221206
TZ 1528	**Adapter** for micro electrodes Mikroelektroden with 6 mm diameter for openenings with NS 14.5	285215244
TZ 1545	**Magnetic stirrer bar** 30 mm, 10 pcs.	285214232
TZ 1649	**COD vacuum tube** 190 mm length with NS 7.5	285213811
TZ 1760	**Store-bottle** 5 l for TP 20	285218201
TZ 1783	**Titration beaker** Glass titration beaker, 50 ml tall form (10 pcs.) for TZ 1454	1064720
TZ 1784	**Titration beaker** Glass titration beaker, 150 ml low form (10 pcs.) für TZ 1459	285216747
TZ 1785	**Titration beaker** Glass titration beaker, 250 ml low form (10 pcs.) for TZ 1452	1064589
TZ 1786	**Titration beaker** made out of glass; diameter 40 mm, height 76 mm (10 pcs) for TZ 1454	285216756
TZ 3290	**Spare parts for sample changer** washing tube for TP 19	285224406
TZ 3293	**Cable** Connection cable TP 20 <-> TW alpha plus	285224439
TZ 3296	**Rinsing set** for pump TP 20	285224463
TZ 3297	**Aspiration set** for COD sample changer	285224471

Titration

Titration electrodes

Type No.	Description	Ordering No.
A 1180	**pH electrode for titrations in non-aqueous media** Glass shaft, Ag/AgCl-reference system, sphere membrane, H-glass, zeropoint pH = 7.0, plug head, length 120 mm, 12 mm Ø, 0...+80 °C, 0...14 pH	1057997
A 7780	**pH-electrode for titrations in aqueous media** Glass shaft, 3 x ceramic diaphragm, gel electrolyte, Silamid®-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+80 °C, 0...14 pH	285101260
Ag 6580	**Metal combination electrodes for halogenide titrations** Glass shaft, ceramic diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, tapper NS 14.5, plug head, length 103 mm, 12 mm Ø, -5...+100 °C	285102216
AgCl 62	**Metal combination electrodes for halogenide titrations** Glass shaft, platinum diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, chlorinated, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102413
AgCl 65	**Metal combination electrodes for halogenide titrations** Glass shaft, platinum diaphragm, electrolyte KNO3 2 mol/l + KCl 0.001 mol/l, Ag/AgCl-reference system, sensor silver cap 4 mm Ø, chlorinated, plug head, tapper NS 14.5, length 103 mm, 10 mm Ø, -5...+100 °C	1061051
B 1 N	**Plug cable combination** Reference electrode plug,1m single core cable, 4 mm banana plug, ATTENTION: for new reference electrodes ("+" version) use cable L1N	285121916
B 2920 +	**Reference electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, coax plug head, length 120 mm, 12 mm Ø, -5...+100 °C	1070046
B 3520 +	**Reference electrodes** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, -5...+100 °C	1070073
B 3920 +	**Reference electrodes** Glass shaft, ground joint diaphragm, double-electrolyte system KCl 3 mol/l, Ag/AgCl-reference system, tapper NS 14.5, coax plug head, length 103 mm, 10 mm Ø, -5...+100 °C	1070075
Ca 1100 A	**Ion selective indicator electrodes** Calcium electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216314
Cu 1100 A	**Ion selective indicator electrodes** Copper electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216312
F 1100 A	**Ion selective indicator electrodes** Fluoride electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216313
IL-MICRO-pHT-A-BNC-N	**IoLine pH combination electrodes** Micro electr. with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, Pt diaphragm, electr. KCl 3 mol/l, Iodine/Iodide-ref. system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285114310

Titration

Titration electrodes

Type No.	Description	Ordering No.
IL-MICRO-pHT-A-DIN-N	**IoLine pH combination electrodes** Micro electr. with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, Pt diaphragm, electr. KCl 3 mol/l, Iodine/Iodide-ref. system, cylindrical membrane, A glass, length 40/130 mm, 12/5 mm Ø, -5...+100 °C, 0...14 pH	285114300
IL-pH-A120MF	**IoLine pH combination electrodes** Electrode with plug head, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114140
IL-pH-A170MF	**IoLine pH combination electrodes** Electrode with plug head, glass shaft, Pt diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114180
IL-pHT-A120-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113860
IL-pHT-A120-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113900
IL-pHT-A170-BNC-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with BNC and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285114230
IL-pHT-A170-DIN-N	**IoLine pH combination electrodes** Electr.with ID funct., temp. sensor Pt 1000, 1 m cable with DIN and banana plug, glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Iodine/Iodide-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285113920
KF 1100	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for TZ 1770 and TZ 1772	285102030
KF 1150	**Micro-double platinum combination electrode** for Karl-Fischer titrations, with fixed cable, double platinum pin and tapper NS 7.5 for coulometric titration vessels TZ 1751 and TZ 1754	285102060
L 1 A	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, DIN instrument plug	285122456
L 1 N	**Plug cable combinations** Coaxial electrode plug, 1 m coaxial cable, 4 mm banana plug	285122457
L 1 NN	**Plug cable combination** coaxial electrode plug, 1 m coaxial cable, 2 x 4 mm banana plugs	285122489
L 2114	**Electrolyte solution in bottles** 250 ml DURAN® bottle, 2 mol/l KNO3 + 0.001 mol/l KCl solution	285138349

Titration

Titration electrodes

Type No.	Description	Ordering No.
L 5014	**Electrolyte solution in bottles** 250 ml DURAN® bottle, acetic acid saturated with lithium chloride	285138324
L 5034	**Electrolyte solution in bottles** 250 ml DURAN® bottle, ethanol saturated with lithium chloride	285138308
LB 04 NN	**Plug cable combination** coaxial electrode plug, 1 m coaxial cable, 2 x 4 mm banana plugs for KF generating electrode	285122510
N 1042 A	**pH-electrode for titrations in aqueous media** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, temp.-sensor Pt 1000, sphere membrane, A-glass, DIN + 4 mm banana plug, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285104541
N 5900 A	**Micro-pH-electrode for titrations in aqueous media** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Ag/AgCl-reference system, sphere membrane, A-glass, DIN plug, tapper NS 7.5, length 96 mm, 5 mm Ø, -5...+100 °C, 0...14 pH	285105135
N 61eis	**pH electrode for titrations in non-aqueous media** Glass shaft, 3 x platinum diaphragm, electrolyte L 5014, Ag/AgCl reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, +10...+40 °C, 0...14 pH	285092661
N 62	**pH-combination electrodes with plug head** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid® reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100034
N 6280	**pH-electrode for titrations in aqueous media** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, length 120 mm, 12 mm Ø, -5...+100 °C, 0...14 pH	285100042
N 6480 Eis	**pH electrode for titrations in non-aqueous media** Glass shaft, ground joint-diaphragm, electrolyte L 5014, Ag/AgCl-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, +10...+40 °C, 0...14 pH	285092337
N 6480 Eth	**pH electrode for titrations in non-aqueous media** Glass shaft, ground joint-diaphragm, electrolyte L 5034, Ag/AgCl-reference system, sphere membrane, A-glass, length 170 mm, 12 mm Ø, 0...+40 °C, 0...14 pH	285092329
N 65	**pH-electrode for titrations in aqueous media** Glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, tapper NS 14.5, length 103 mm 10 mm Ø, -5...+100 °C, 0...14 pH	285100067
N 6580	**pH-electrode for titrations in aqueous media** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sphere membrane, A-glass, tapper NS 14.5, length 103 mm, 10 mm Ø, -5...+100 °C, 0...14 pH	285102516
Pb 1100 A	**Ion selective indicator electrodes** Lead electrode, Ag/AgCl reference, 1 m fixed cable with DIN-plug	285216315
Pt 1200	**Double-platinum electrode** Double platinum electrode, glass shaft, sensor 2 platinum pins 1 mm Ø, plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285103512

Titration

Titration electrodes

Type No.	Description	Ordering No.
Pt 1400	**Double-platinum electrode** Double platinum electrode, glass shaft, sensor 2 platinum pins 1 mm Ø, tapper NS 14.5, plug head, length 103 mm, 12 mm Ø, -30...+135 °C	285103537
Pt 5901	**Micro-platinum combination electrodes for redox titrations** Microelectrode, glass shaft, platinum diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, tapper NS 7.5, length 160 mm, 5 mm Ø, -5...+100 °C	285105065
Pt 6280	**Platinum combination electrode for redox titrations** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, plug head, length 120 mm, 12 mm Ø, -5...+100 °C	285102249
Pt 6580	**Platinum combination electrode for redox titrations** Glass shaft, ceramic diaphragm, electrolyte KCl 3 mol/l, Silamid®-reference system, sensor platinum pin 1 mm Ø, tapper NS 14.5, plug head, length 103 mm, 10 mm Ø, -5...+100 °C	285102257
TEN 1100	**Ion selective indicator electrodes** Measuring sensor for tenside titrations, with plug head, length 120 mm	285096980
TZ 1520	**Tapper adapter NS 14.5** for electrodes with 12 mm Ø	285215229
TZ 1528	**Adapter** for micro electrodes Mikroelektroden with 6 mm diameter for openenings with NS 14.5	285215244
TZ 1752	**Generating electrode** without diaphragm	285216660
TZ 1753	**Generating electrode** with diaphragm	285216650
W 2180-KOAX	**Temperature sensor** Glass shaft, sensor Pt 1000, KOAX plug head, length 120 mm, 12 mm Ø, -30...+135 °C	285119030

Titration

Titration tips

Type No.	Description	Ordering No.
TZ 1502	**Titration tip** 120 mm length, capillary Ø 0.5 mm, for 1 ml, 5 ml and 10 ml burette cylinder	285213725
TZ 1503	**Titration tip** 120 mm length, capillary Ø 0.8 mm, for 20 ml and 50 ml burette cylinder	285213717
TZ 1525	**Adapter for titration tips without standard taper** for titration head TZ 1463,TZ 1462 and titration vessel TZ 1758, TZ 1759	8252386
TZ 1621	**Titration tip** 140 mm length, capillary Ø 0.8 mm	285214249
TZ 1622	**Titration tip** 160 mm length, capillary Ø 0.8 mm	285214257
TZ 1623	**Titration tip** 180 mm length, capillary Ø 0.8 mm	285214265
TZ 1624	**Titration tip** 200 mm length, capillary Ø 0.8 mm	285214273
TZ 1630	**Titration tip** 103 mm length from standard taper with NS 14.5, capillary Ø 0.8 mm for 20 ml and 50 ml burette cylinder, suitable for electrode holder Z 301 or titration vessels TZ 1720, TZ 1730 or titration heads TZ 1463 and TZ 1467	285214351
TZ 1631	**Free of rediffusion titration tip** 103 mm length from standard taper with NS 14.5, capillary Ø 0.8 mm for 20 ml and 50 ml burette cylinder, suitable for electrode holder Z 301 or titration vessels TZ 1720, TZ 1730 or titration heads TZ 1463 and TZ 1467	285213758
TZ 1635	**Micro-titration tip** 157 mm length with PTFE tube, capillary Ø 1 mm for micro-titration vessel TZ 1755	285216455
TZ 1640	**Free of rediffusion titration tip** 120 mm length, capillary Ø 0.8 mm	285214368
TZ 1641	**Free of rediffusion titration tip** 140 mm length, capillary Ø 0.8 mm	285214865
TZ 1642	**Free of rediffusion titration tip** 160 mm length, capillary Ø 0.8 mm	285214873
TZ 1643	**Free of rediffusion titration tip** 180 mm length, capillary Ø 0.8 mm	285214881
TZ 1645	**Free of rediffusion titration tip** 250 mm length, capillary Ø 0.8 mm	285214902
TZ 1646	**Micro-titration tip** 96 mm length with NS 7.5	285213782
TZ 1647	**Micro-titration tip** 200 mm length with NS 7.5 for sample changer TW alpha/COD	285213799

Titration

Titration tips

Type No.	Description	Ordering No.
TZ 1648	**Micro-titration tip** 160 mm length with NS 7.5 for sample changer TW alpha/COD	285213803
TZ 1771	**Titration tip** for KF titration vessels TZ 1770 and TZ 1772 if used in combination with TitroLine® alpha	285216685
TZ 3285	**Micro valve KF** for titration vessel TZ 1770	285224352
TZ 3620	**Titration tip complete with tube** for TITRONIC® basic and TitroLine® easy	285227103
TZ 3656	**Titration tip (blue)** 0.7 mm, 5 pcs. for TITRONIC® basic, TitroLine® easy and TA 05 ....TA 50 plus	285227263

Titration

Stirrer

Type No.	Description	Ordering No.
TM 128	**Rod stirrer** with holder for two standard electrodes and two titration tips, connection to TitroLine® alpha plus (cable: TZ 1581)	285210793
TM 128-Set	**Rod stirrer set** Scope of delivery: TM 128, stand rod TZ 1510 with holder TZ 1516, stirrer rods TZ 1842 and TZ 1843, and power supplay TZ 1858	285215167
TM 135, 115-230 V	**Magnetic stirrer** incl. power supply TZ 1858 for glass vessels up to maximal 500 ml, connection toTitroLine® alpha plus (cable: TZ 1581)	285211013
TM 96	**Magnetic stirrer** for glass vessels up to maximale 500 ml, speed can be adjusted without discrete steps 0 - 1000 min-1, connection to TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic, TitroLine® 96, TitroLine® easy	285223253
TZ 1545	**Magnetic stirrer bar** 30 mm, 10 pcs.	285214232
TZ 1842	**Glass stirrer rod** 78 mm length, for stirrer TM 128	285215101
TZ 1846	**Rod stirrer 6 V** long model with NS 14.5 for COD reaction vessels according to DIN 38 409 section 41 for sample changer TW alpha	285215134
TZ 1847	**Rod stirrer** short model with NS 14.5 for titration heads TZ 1463 and TZ 1467	285215175
TZ 1858	**Power supply** 100 -220 V, output voltage 9 V/550 mA for stirrer TM 128, TM 135	285214970
TZ 1861	**Glass stirrer rod** 103 mm length, with PTFE stirring wing for rod stirrer TZ 1847	285216517
TZ 1865	**Glass stirrer rod** 200 mm length, with PTFE stirring wing for rod stirrer TZ 1846	285216558
TZ 1870	**Magnetic stirrer** Magnetic stirrer ECM 6, heatable	1006697

Titration

Titration vessels

Type No.	Description	Ordering No.
TZ 1505	**DURAN® moisture trap** colourless, with NS 14 for bottle top TZ 1508	285213939
TZ 1528	**Adapter** for micro electrodes Mikroelektroden with 6 mm diameter for openenings with NS 14.5	285215244
TZ 1634	**Gas supply tube** for titration vessels with NS14.5	285216303
TZ 1721	**Solids trap** made of PVDF with NS 19-Kern, bipartide, for titration vessels TZ 1770	285214619
TZ 1725	**glass weighing funnel** 3 ml	285221130
TZ 1749	**Retaining clamp** for coulometric KF titration vessel TZ 1751 and TZ 1754	285216570
TZ 1751	**Karl-Fischer titration vessel** made out of glass for coulometry with 1 opening NS 19, 1 x NS 7,5 and GL 18	285216630
TZ 1754	**Karl-Fischer titration vessel** made out of glass for coulometry with 1 opening NS 19, 1 x NS 7,51 x GL 18 and additionally 2 x NS 14.5	285216640
TZ 1755	**Titration vessel** with removable head, 4 drillings NS 14.5 and 1 drilling NS 7.5, incl. micro-titration tip with PTFE insert and gas supply tube, (micro design, approx. 3...10 ml)	285213499
TZ 1756	**Temperature-controlled titration vessel** double jacket glass vessel (30 - 150 ml), removeable head, Polypropylen/ PTFE, with 6 NS 14,5 drillings	285216060
TZ 1758	**Universal titration vessel** DURAN® glass vessel TZ 1775 (ca. 30...150 ml), removeable head, Polypropylen/ PTFE, with 6 NS 14,5 drillings	285213585
TZ 1759	**Universal titration vessel** DURAN® glass vessel TZ 1778 (ca. 80...200 ml), removeable head, Polypropylen/ PTFE, with 6 NS 14,5 drillings	1061399
TZ 1761	**Septum** GL 18 for Karl-Fischer-titration vessel TZ 1751 and TZ 1754 (10 pcs.)	285221224
TZ 1764	**Septum** GL 14 with 2 openings for PTFE-drain- and disspense tube for KF titrationvessel TZ 1754 (3 pcs.)	285221232
TZ 1769	**Temperature-controlled titration vessel** double jacket glass vessel (30 - 150 ml)	285216070
TZ 1770	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1775 (approx. 30...150 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216677

Titration

Titration vessels

Type No.	Description	Ordering No.
TZ 1772	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1778 (approx. 80...200 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216693
TZ 1773	**Septum** for TZ 1770 and TZ 1772 (5 pieces)	285216739
TZ 1774	**Joint disk set** for KF titration vessels TZ 1770 and TZ 1772	285216714
TZ 1775	**DURAN glass vessel** (approx. 30...150 ml) for TZ 1770	285216706
TZ 1777	**Adapter** for homogenisator Pt 1200 from Kinematica	285221140
TZ 1778	**DURAN glass vessel** (approx. 80...200 ml) for TZ 1772	285216771
TZ 1779	**Screw threads spare part set** Spare part set for TZ 1770 and TZ 1772	285216788
TZ 1783	**Titration beaker** Glass titration beaker, 50 ml tall form (10 pcs.)	1064720
TZ 1784	**Titration beaker** Glass titration beaker, 150 ml low form (10 pcs.) für TZ 1459	285216747
TZ 1785	**Titration beaker** Glass titration beaker, 250 ml low form (10 pcs.)	1064589
TZ 1786	**Titration beaker** made out of glass; diameter 40 mm, height 76 mm (10 pcs) for TZ 1454	285216756
TZ 3285	**Micro valve KF** for titration vessel TZ 1770	285224352

Titration

Cables

Type No.	Description	Ordering No.
TZ 1577	**Low voltage cable** 0.5 m length connection between TitroLine® KF <-> TM KF	285213569
TZ 1581	**Low voltage cable** 0.5 m length 1st and 2nd side: low-voltage coupler for pin contact Ø 2.1 mm, connection: sample changer TW alpha <-> rod stirrer TZ 1846, TZ 1847, TitroLine® alpha <-> magnetic stirrer TM 125	285215031
TZ 1587	**Data cable** 0.5 m length, 1st and 2nd side: 25-pole plug, connection: T 110, T 200 with RS-232-C interface together	285215056
TZ 1589	**Data cable** 10 m length, 25pole male/9pole female, for RS-232-C for connecting titration units to a PC with a suitable interface	285215072
TZ 1594	**Data cable** 1.5 m length 1st and 2nd side: 25-pole plug, Connection: TW alpha <-> TitroLine® alpha, T 110 <-> TitroLine® alpha, T 110 <-> TW alpha, T110 together	285215048
TZ 1595	**Data cable** 1.5 m length and code plug TZ 1953 1st and 2nd side: 25-pole plug, Connection: TitroLine® alpha, TITRONIC T110, TITRONIC T 200, sample changer TW alpha <-> SARTORIUS analysis balance with RS-232-C-interface	285214992
TZ 1599	**Data cable** 1st side: 25-pole plug 2nd side: 9-pole socket with adapter 9-/25-pole, Connection: to PC with 9-/25-pole RS-232-C interface	285215097
TZ 1961	**Data cable** 1st side: 25-pole SUB-D plug 2nd side: 15-pole special plug for Mettler AT-balance, Connection: TitroLine® alpha, TITRONIC T 110, TITRONIC T 200 , sample changer TW alpha <-> Mettler AT-balance	285215915
TZ 3080	**Adapter** USB - RS232	285221089
TZ 3081	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> Mettler AB-S, PG - balances, 5 m	1007979
TZ 3082	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> Sartorius-balances, 5 m	1007977
TZ 3083	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> Mettler AT, PM-balances, 1.5 m	1007978
TZ 3084	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> TitroLine® alpha plus, TW alpha plus, TITRONIC® 110 plus, 1,5 m	1007974
TZ 3086	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> TitroLine® alpha, TW alpha, TITRONIC® 110/ TITRONIC® 200, 1,5 m	1007975

Titration

Cables

Type No.	Description	Ordering No.
TZ 3087	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> TITRONIC® universal, 1.5 m	1007976
TZ 3088	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> PC, 5 m	1007972
TZ 3089	**Data cable** TitroLine® alpha plus, TW alpha plus or TITRONIC® 110 plus <-> PC, 10 m	1007973
TZ 3090	**Data cable RS-232-C** Connection: TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic, TitroLine® 96, TitroLine® easy, TitroLine® KF, <-> TZ 3460 / TZ 3465, Z 900, 1.0 m	285223504
TZ 3091	**Data cable RS-232-C** 1st side: 4-pole plug mini DIN 2nd side: 9-pole socket sub-miniature-D with adapter 9-/ 25-pole socket, Connection: TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic, TitroLine® 96, TitroLine® easy, TitroLine® KF <-> PC, 5 m	285223512
TZ 3092	**Data cable** for TitroLine® KF/KF trace< -> Sartorius	285223529
TZ 3093	**Data cable** for TitroLine® KF/KF trace <-> Mettler AT, PR, PM, 1.5 m	285223537
TZ 3094	**Data cable RS-232-C** 1st + 2nd side: 4-pole plug mini DIN, Connection: TITRONIC® universal <-> TITRONIC® universal, TITRONIC® 97 <-> TITRONIC® 97, 1.0 m	285223545
TZ 3095	**Data cable RS-232-C** 1st side: 4-pole plug mini DIN 2nd side: 25-pole plug sub-miniature D, Connection: TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic <-> RS-232-C printer and TITRONIC® universal, TITRONIC® 97 <-> TL alpha, TW alpha, 1.5 m	285223553
TZ 3097	**Data cable RS-232-C** 1st side: 4-pole plug mini DIN 2nd side: 9-pole socket sub-miniature-D, Connection: TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic, TitroLine® 96, TitroLine® easy, TitroLine® KF, TitroLine® KF trace <-> PC, 1.5 m	285223578
TZ 3098	**Data cable RS-232-C** 1st side: 4-pole plug mini DIN, 2nd side: 9-pole socket sub-miniature-D with adapter 9-/ 25-pole socket, Connection: TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic, TitroLine® 96, TitroLine® easy, TitroLine® KF <-> PC, 1.5 m	285223586
TZ 3099	**Data cable** for TitroLine® KF/KF trace <-> Mettler PG, AB-S, AG, balances, 1.5 m	285223594
TZ 3103	**Data cable** for TitroLine® KF <-> Mettler AE balance	285223595
TZ 3180	**Data cable** for TitroLine® KF/KF trace <-> Kern balance with 9 pol RS232 interface	285216680
TZ 3182	**Data cable** for TitroLine® alpha plus <-> A&D balance	285216030

Titration

Accessories and spare parts for TitroLine® alpha

Type No.	Description	Ordering No.
TM KF	**Titration stand with pump** Scope of delivery: Basic unit with 1 l DURAN ®-reagent bottle TZ 1791, 1 l DURAN®-waste bottle TZ 1792, moisture bottle, tubes and screw threads, power supply TZ 1855 (110 ... 240 V)	285216611
TZ 1052	**KF-drying stove, 230 V** max. temp. +300°C for water determination according to Karl-Fischer method	285214721
TZ 1055	**KF-drying stove, 115 V** max. temp. +300°C for water determination according to Karl-Fischer method	285215183
TZ 1060	**Accessories set** for drying oven TZ 1052 for water determination according to Karl-Fischer method	285218115
TZ 1065	**Flowmeter** with valve and hose connectors for gas volumes (air, nitrogen) from 50 - 500 ml/min.	285201973
TZ 1261	**10 ml DURAN® burette cylinder TZ 1281** with piston TZ 1271 (model since 1994)	285217262
TZ 1262	**20 ml DURAN® burette cylinder TZ 1282** with piston TZ 1272 (model since 1994)	285217279
TZ 1265	**50 ml DURAN® burette cylinder TZ 1285** with piston TZ 1275 (model since 1994)	285217287
TZ 1271	**PTFE piston** with piston rod for 10 ml burette cylinder (model since 1994)	285217349
TZ 1272	**PTFE piston** with piston rod for 20 ml burette cylinder (model since 1994)	285217357
TZ 1275	**PTFE piston** with piston rod for 50 ml burette cylinder (model since 1994)	285217365
TZ 1281	**10 ml DURAN® burette cylinder** colourless (model since 1994)	285217419
TZ 1282	**20 ml DURAN® burette cylinder** colourless (model since 1994)	285217427
TZ 1285	**50 ml DURAN® burette cylinder** colourless, (model since 1994)	285217435
TZ 1430	**UV protection coat, lower part** for burette cylinder	285213441
TZ 1500	**Conical valve** for all interchangeable units TA, TitroLine® alpha, T 80, T 82 and T 90	285213552
TZ 1504	**Reagent bottle 1000 ml** with adapter, brown, without moisture trap	285213922
TZ 1507	**Plastic drip off tube (5 pcs.)** for all titrators and piston burettes	285213955

Titration

Accessories and spare parts for TitroLine® alpha

Type No.	Description	Ordering No.
TZ 1508	**DURAN® reagent bottle top** brown with NS 29 (without moisture trap)	285213906
TZ 1510	**Stand rod** stainless steel Ø 10 mm	285213963
TZ 1511	**Plastic holder** for titration tip for electrode double clamp Z 331	285213971
TZ 1513	**Piston extraction tool** simplifies piston assembly	285214216
TZ 1516	**Stand rod holder**	285214779
TZ 1705	**DURAN® moisture trap top** for Karl-Fischer reagent bottle	285214454
TZ 1721	**Solids trap** made of PVDF with NS 19-Kern, bipartide, for titration vessels TZ 1770	285214619
TZ 1725	**glass weighing funnel** 3 ml	285221130
TZ 1770	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1775 (approx. 30...150 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216677
TZ 1772	**Karl-Fischer titration vessel** DURAN® glass vessel TZ 1778 (approx. 80...200 ml), removable head made of polypropylene/PTFE, 1 drilling NS 19, NS 14,5, NS 7,5 and 3 drillings with screw threads, titration tip, moisture trap and weighing funnel	285216693
TZ 1773	**Septum** for TZ 1770 and TZ 1772 (5 pieces)	285216739
TZ 1774	**Joint disk set** for KF titration vessels TZ 1770 and TZ 1772	285216714
TZ 1775	**DURAN glass vessel** (approx. 30...150 ml) for TZ 1770	285216706
TZ 1777	**Adapter** for homogenisator Pt 1200 from Kinematica	285221140
TZ 1778	**DURAN glass vessel** (approx. 80...200 ml) for TZ 1772	285216771
TZ 1779	**Screw threads spare part set** Spare part set for TZ 1770 and TZ 1772	285216788
TZ 1789	**Starterkit KF** consisting of molecular sieve, needles with syringes and glass wool	285221120

Titration

Accessories and spare parts for TitroLine® alpha

Type No.	Description	Ordering No.
TZ 1790	**TM KF Basic titration stand with pump** Scope of delivery: Basic unit without bottles, tubes and power supply	285216809
TZ 1791	**Reagent bottle** for titration stand TM KF complete	285216817
TZ 1792	**Waste bottle** for titration stand TM KF complete	285216825
TZ 1793	**Moisture bottle** for titration stand TM KF complete	285216833
TZ 1794	**Screwing set** for KF-waste/solvent and drying bottle incl. O-rings	285216842
TZ 1795	**Adapter** for bottles with S 40 thread for TM KF	285216858
TZ 1798	**PTFE-tube** for titration stand TM KF, 1 m, for connection: titration vessel reagent bottle, waste bottle	285216882
TZ 1799	**PVC-tube** for titration stand TM KF, 1 m, for connection: moisture bottle reagent bottle, titration stand, titration stand waste bottle	285216899
TZ 1849	**Power supply** for TitroLine® alpha (110 ... 240 V)	285219144
TZ 1855	**Power supply** for titration stand TM KF (110 ... 240 V)	285219222
TZ 2003	**Plastic drying tube** for bottle sets TZ 2004, TZ 2008 and titration vessels	1070012
TZ 2004	**Bottle set for titration agent** Scope of delivery: 1 l square bottle, brown, bottle attachment with GL 45 thread	285221047
TZ 2005	**Bottle attachment with GL 45 thread** for reagent bottles, e.g. from Riedel-de-Haen Company, Schott	285221055
TZ 2008	**Bottle attachment with S 40 thread** for reagent bottles, Merck	285221088
TZ 2010	**Valve holder with 3-way-valve TZ 1500** tube TZ 2014 and tube TZ 2015	285221109
TZ 2014	**PTFE tube** 0.35 m length with UV protection and screw threads, connection: 3-way-valve <-> bottle, dosing unit	285221141
TZ 2015	**PTFE tube** 0.5 m length with UV protection and screw threads, connection: 3-way-valve <-> titration tip	285221158
TZ 2017	**PTFE tube** 1 m length with UV protection and screw threads, connection: 3-way-valve <-> titration tip	285221174

Titration

Accessories and spare parts for TitroLine® alpha

Type No.	Description	Ordering No.
TZ 2019	**PTFE tube** 0.74 m length with UV protection and screw threads, connection: 3-way-valve <-> GL 45 adapter	285221199
TZ 2025	**PTFE tube set** consisting of 2 tubes TZ 2014, 1 tube TZ 2015	285221252
TZ 2051	**10 ml dosing unit complete, without hoses** consisting of TZ 1261 and TZ 1271	285221511
TZ 2052	**20 ml dosing unit complete, without hoses** consisting of TZ 1262 and TZ 1272	285221528
TZ 2055	**50 ml dosing unit complete, without hoses** consisting of TZ 1265 and TZ 1275	285221536
TZ 2071	**TitriSoft 2.6** titrations software for TitroLine® alpha plus	285221717
TZ 2072	**TitriSoft 2.6P** titrations software, 21 CFR compliant version	285221720
TZ 2075	**Memory card** operation software	285221758
TZ 2080	**Exchange unit holder** For Dosing units TitroLine® alpha	285221803
TZ 2081	**10 ml exchange unit** Scope of delivery: dosing unit TZ 2051, valve holder TZ 2010, titration tip TZ 1503, exchange unit holder TZ 2080	285221811
TZ 2082	**20 ml exchange unit** as TZ 2081, but with 20 ml dosing unit TZ 2052	285221828
TZ 2085	**50 ml exchange unit** as TZ 2081, but with 50 ml dosing unit TZ 2055	285221852
Z 331	**Electrode double clamp** for stand Z 351, holder for two electrodes or one electrode and one titration tip (TZ 1511 necessary)	285123082

Titration

Accessories and spare parts for TITRONIC® T 110 and TITRONIC® T 200

Type No.	Description	Ordering No.
TA 01	**1 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, hoses, drip tube and titration tip	285211313
TA 05 plus	**5 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211038
TA 10 plus	**10 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211046
TA 20 plus	**20 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211054
TA 50 plus	**50 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211062
TR 160	**Manual titration controller** for TITRONIC® 110 plus for manual titration, titration speed selectable, volume discharge continously or in increments	285210666
TZ 1201	**DURAN® burette cylinder** colourless, 1 ml, for interchangeable units	285213006
TZ 1201 B	**DURAN® burette cylinder** 1 ml, with UV-protection and screw threads, colourless	285213203
TZ 1205	**DURAN® burette cylinder** 5 ml version for interchangeable units	285213014
TZ 1210	**DURAN® burette cylinder** 10 ml version for interchangeable units	285213022
TZ 1210 B	**DURAN® burette cylinder** 10 ml, with UV-protection and screw threads, colourless	285213228
TZ 1220	**DURAN® burette cylinder** 20 ml version for interchangeable units	285213039
TZ 1220 B	**DURAN® burette cylinder** 20 ml, with UV-protection and screw threads, colourless	285213236
TZ 1220 T	**DURAN® burette cylinder** 20 ml, colourless, temperable, or interchangeable units	285213063
TZ 1250	**DURAN® burette cylinder** 50 ml version for interchangeable units	285213047
TZ 1250 B	**DURAN® burette cylinder** 50 ml, with UV-protection and screw threads, colourless	285213244

Titration

Accessories and spare parts for TITRONIC® T 110 and TITRONIC® T 200

Type No.	Description	Ordering No.
TZ 1250 T	**DURAN® burette cylinder** 50 ml, colourless, temperable, or interchangeable units	285213071
TZ 1301	**PTFE piston** with piston rod for 1 ml burette cylinder	285213503
TZ 1305	**PTFE piston** with piston rod for 5 ml burette cylinder	285213511
TZ 1310	**PTFE piston** with piston rod for 10 ml burette cylinder	285213528
TZ 1320	**PTFE piston** with piston rod for 20 ml burette cylinder	285213536
TZ 1350	**PTFE piston** with piston rod for 50 ml burette cylinder	285213544
TZ 1500	**3/2-way valve** for all interchangeable units TA, TitroLine® alpha, T 80, T 82 and T 90	285213552
TZ 1501	**PTFE tube set** 3-parts with UV-protection	285213577
TZ 1504	**Reagent bottle 1000 ml** with adapter, brown, without moisture trap	285213922
TZ 1505	**DURAN® moisture trap** colourless, with NS 14 for bottle top TZ 1508	285213939
TZ 1507	**Plastic drip off tube (5 pcs.)** for all titrators and piston burettes	285213955
TZ 1508	**DURAN® reagent bottle top** brown with NS 29 (without moisture trap)	285213906
TZ 1510	**Stand rod** stainless steel Ø 10 mm	285213963
TZ 1511	**Plastic holder** for titration tip for electrode double clamp Z 331	285213971
TZ 1513	**Piston extraction tool** simplifies piston assembly	285214216
TZ 1600	**PTFE tube** 0.5 m length, with UV-protection and screw threads for connection: tip 3-way-valve <-> titration tip	285214343
TZ 1601	**PTFE tube** as TZ 1600, but 1 m length	285214298
TZ 1602	**PTFE tube** as TZ 1600, but 2 m length	285214302

Titration

Accessories and spare parts for TITRONIC® T 110 and TITRONIC® T 200

Type No.	Description	Ordering No.
TZ 1603	**PTFE tube** as TZ 1600, but 3 m length	285214319
TZ 1613	**PTFE connection tube** valve <-> reagent bottle, 30 cm long with UV-protection	285215278
TZ 1615	**PTFE tube set** 3-parts with UV-protection for interchangeable units TA 01 and TA 01-B	285213593
TZ 1617	**PTFE connection tube** switching valve TA interchangeable units to burette cylinder, 60 mm long with UV-protection	285213606
TZ 3270	**Tube set** tube set, 3 parts for interchangeable units TA 05 plus ... TA 50 plus	1015718
Z 331	**Electrode double clamp** for stand Z 351, holder for two electrodes or one electrode and one titration tip (TZ 1511 necessary)	285123082

Spectrophotometry

Overview

Spectrophotometer 112
Accessories and spare parts for UVIKON 113
Accessories and spare parts for UviLine 115
Accessories and spare parts for Uvi Light 116
Accessories and spare parts for PRIM 118
Standards 119
Cells 120

Spectrophotometry

Spectrophotometer

Type No.	Description	Ordering No.
PRIM ADV VIS 10	**PRIM** PRIM ADVANCED visible spectrophotometer 10 mm cell holder	285600200
PRIM LIGHT VIS 10	**PRIM** PRIM LIGHT visible spectrophotometer 10 mm cell holder	285600190
Uvi Light XS2	**Uvi Light** Uvi Light XS single beam spectrophotometer 2 nm, 10 -100 mm single cell holder	285600140
Uvi Light XTW2	**Uvi Light** UviLight XTW 2nm. UV-Visible spectrophotometer. Delivered standard with 10-100mm single cell holder, Windows LabPower software and LCD screen with intergrated Mini PC	285600165
UVIKON XL	**UVIKON** UVIKON XL double beam UV/Vis Spectrophotometer (delivered with Software UV VISion)	285600120
UVIKON XS	**UVIKON** UVIKON XS double beam UV/Vis Spectrophotometer (delivered with Software Lab Power)	285600110
UVIKON XS-UVVison	**UVIKON** UVIKON XS double beam UV/Vis Spectrophotometer (delivered with Software UV VISion)	285600100
UviLine 9100	**UviLine** UviLine 9100, single beam spectro photometer, 4 nm with a measuring range from 320 to 1100 nm; 100 – 240 V	285700100
UviLine 9400	**UviLine** UviLine 9400, single beam spectro photometer, 4 nm with a measuring range from 190 to 1100 nm, 100 – 240 V	285700120

Spectrophotometry

Accessories and spare parts for UVIKON

Type No.	Description	Ordering No.
SZ 1010	**Software** LabPower für Uvi Light and Uvikon (comes standard with UVIKON XS) with PC cable SZ 1430	285600300
SZ 1015	**Software** UV VISion : Driving software for Uvikon, Agree with the Good Laboratory Practice, concentration, Multi Wavelength, Wavelength fixes, Wavelength sweeping,Time drive,Auto Rate Assay	285600305
SZ 1016	**Software** UV VISion Pharma : Driving software for Uvikon,CFR 21, PART 11 compliant, concentration, Multi, Wavelength, Wavelength fixes, Wavelength sweeping,Time drive, Auto Rate Assay	285600306
SZ 1017	**Software** Upgrade from UV VISion to UV VISion Pharma complient, with FDA Rule 21 CFR PART11	285600307
SZ 1030	**Quick-Lock cell holder** for cells up to 10 mm pathlength, water thermostatable	285600320
SZ 1036	**Thermopack** External water flow temperature regulator system	285600326
SZ 1040	**Double Magnetic stirrer accessory** variable speed	285600330
SZ 1050	**Magnetic stirring bars** (5 x), size: 8 x 3 mm	285600340
SZ 1060	**Quick-Lock cell holder** for cells up to 20 mm pathlength, water thermostatable	285600350
SZ 1070	**Thermostation** fluid connection block	285600360
SZ 1080	**Quick-Lock long path rectangular cell holder** for cells up to 100 mm pathlength	285600370
SZ 1090	**Quick-Lock long path cylindrical cell holder** for cells up to 100 mm pathlength	285600380
SZ 1100	**Quick-Lock holder** for solid samples	285600390
SZ 1110	**Quick-Lock automatic/manual cell changer** water thermostatable. Modes [6+6]-[6+1]-[2(5+1)]	285600400
SZ 1120	**Temperature sensor** for cell holder	285600410
SZ 1130	**Miniaturised temperature sensor** made out of inert glass for cell content	285600420
SZ 1140	**Peristaltic sipper** thermostatable (incl. 1 x flow trough cell SZ 1330)	285600430

Spectrophotometry

Accessories and spare parts for UVIKON

Type No.	Description	Ordering No.
SZ 1150	**Spare tube set** for automatic sipper	285600440
SZ 1330	**standard quartz flow cell** for sipper volume 160 µl, 10 mm pathlength, Z 15 mm (delivered with the sipper)	285600620
SZ 1350	**Preadjusted halogen lamp** for UVIKON XS & XL	285600640
SZ 1360	**Preadjusted halogen lamps** for UVIKON XS & XL (5 x)	285600650
SZ 1370	**Preadjusted deuterium lamp** for UVIKON XS & XL	285600660
SZ 1430	**PC cable** RS232C 9F/9F, 2 m	285600720

Spectrophotometry

Accessories and spare parts for UviLine

Type No.	Description	Ordering No.
SZ 2100	**Automatischer cell changer** 5+1 cell changer, controlled from UviLine	285700200
SZ 2110	**Cell holder** Single, 10 - 100 mm	285700210
SZ 2130	**Cell holder** Single, 10 mm, (included in delivery of all UviLine)	285700230
SZ 2140	**Cell holder** Single 10 mm, thermostatable	285700240
SZ 2150	**Sipper** Controlled from UviLine. Including quartz flowthrough cell.	285700250
SZ 2160	**Cell holder** Single 10 mm, thermostatable (Peltier)	285700260
SZ 2200	**Preadjusted halogen lamp(s)** for UviLine 9100, (1 x)	285700000
SZ 2205	**Preadjusted halogen lamp(s)** for UviLine 9100, (5 x)	285700050
SZ 2210	**Preadjusted halogen lamp(s)** for UviLine 9100, (10 x)	285700060

Spectrophotometry

Accessories and spare parts for Uvi Light

Type No.	Description	Ordering No.
SZ 1010	**Software** LabPower für Uvi Light and Uvikon (comes standard with UVIKON XS) with PC cable SZ 1430	285600300
SZ 1430	**PC cable** RS232C 9F/9F, 2 m	285600720
SZ 1490	**cell holder** 1 position 10-100 mm (standard delivery Uvi Light)	285600780
SZ 1500	**cell holder** 16 mm for tube cells	285600790
SZ 1510	**cell holder** Water jacketed, 10 mm	285600800
SZ 1520	**cell holder** 9 position 10 mm cell holder for Uvi Light (requires cell changer SZ 1550), for use with Uvi Light XS software LabPower is required	285600810
SZ 1530	**cell holder** 9 position 10-100 mm cell holder for Uvi Light (requires cell changer SZ 1550), for use with Uvi Light XS software LabPower is required	285600820
SZ 1540	**cell holder** 9 position water jacketed, 10 mm for Uvi Light (requires cell changer SZ 1550), for use with Uvi Light XS software LabPower is required	285600830
SZ 1550	**automatic cell changer** for all 9 position cell holder	285600840
SZ 1560	**aspiration system** delivered with peltier thermostated single cell holder, 80 µl flow-through quartz cell, peristaltic pump and tubing kit	285600850
SZ 1580	**aspiration system** delivered with 80 µl flow-through quartz cell, peristaltic pump and tubing kit	285600870
SZ 1680	**halogen lamp VIS** pre-adjusted for PRIM & Uvi Light	285600970
SZ 1690	**halogen lamp VIS** pre-adjusted for PRIM & Uvi Light (5 x)	285600980
SZ 1700	**halogen lamp VIS** pre-adjusted for PRIM & Uvi Light (10 x)	285600990
SZ 1710	**deuterium lamp UV-VIS** pre-adjusted for Uvi Light 5 nm	285601000
SZ 1720	**deuterium lamp UV-VIS** pre-adjusted for Uvi Light 2 nm	285601010
SZ 1910	**Printer** KYOLINE b&w thermal printer 40 columns with connection cable	285601200

Spectrophotometry

Accessories and spare parts for Uvi Light

Type No.	Description	Ordering No.
SZ 1915	**Printer** Black & white KYOLINE thermal (for Uvi Light XT and XTD only)	285601205
SZ 1920	**RS232C cable** Serial RS232C connection cable for KYOLINE printer DIN/9F	285601210
SZ 2000	**paper rolls** for KYOLINE printer (10 x)	285601270

Spectrophotometry

Accessories and spare parts for PRIM

Type No.	Description	Ordering No.
SZ 1620	**cell holder** single position, 10 mm	285600910
SZ 1630	**cell holder** single position 16 mm test tube holder	285600920
SZ 1640	**cell holder** Water jacketed, 10 mm	285600930
SZ 1660	**aspiration system** manuel, with 30 µL glass cuvette	285600950
SZ 1680	**halogen lamp VIS** pre-adjusted for PRIM & Uvi Light	285600970
SZ 1690	**halogen lamp VIS** pre-adjusted for PRIM & Uvi Light (5 x)	285600980
SZ 1700	**halogen lamp VIS** pre-adjusted for PRIM & Uvi Light (10 x)	285600990
SZ 1910	**Printer** KYOLINE b&w thermal printer 40 columns with connection cable	285601200
SZ 1920	**RS232C cable** Serial RS232C connection cable for KYOLINE printer DIN/9F	285601210
SZ 2000	**paper rolls** for KYOLINE printer (10 x)	285601270

Spectrophotometry

Standards

Type No.	Description	Ordering No.
SZ 1380	**UV-VIS filter set (Helma)** for spectrophotometer validation	285600670

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 1210	**disposable polystyren cells** 10 mm volume 3,5 ml	285600500
SZ 4000	**Standard quartz cell with lid** 1 mm 350µl 45*12,5*3,5; aperture: witdh 10 mm	285602000
SZ 4001	**Standard glass cell with lid** 1 mm 350µl 45*12,5*3,5; aperture: witdh 10 mm	285602010
SZ 4002	**Standard quartz cell with lid** 2 mm 700µl 45*12,5*4,5; aperture: witdh 10 mm	285602020
SZ 4003	**Standard glass cell with lid** 2 mm 700µl 45*12,5*4,5; aperture: witdh 10 mm	285602030
SZ 4004	**Standard quartz cell with lid** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285602040
SZ 4005	**Standard glass cell with lid** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285602050
SZ 4006	**Standard quartz cell with lid** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285602060
SZ 4007	**Standard glass cell with lid** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285602070
SZ 4008	**Standard quartz cell with lid** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285602080
SZ 4009	**Standard glass cell with lid** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285602090
SZ 4010	**Standard quartz cell with lid** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285602100
SZ 4011	**Standard glass cell with lid** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285602110
SZ 4012	**Standard quartz cell with lid** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285602120
SZ 4013	**Standard glass cell with lid** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285602130
SZ 4014	**Standard quartz cell with lid** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285602140
SZ 4015	**Standard glass cell with lid** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285602150
SZ 4016	**Standard quartz cell with lid** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285602160

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4017	**Standard glass cell with lid** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285602170
SZ 4018	**Standard quartz cell with PTFE lid** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285602180
SZ 4019	**Standard glass cell with PTFE lid** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285602190
SZ 4020	**Standard quartz cell with PTFE lid** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285602200
SZ 4021	**Standard glass cell with PTFE lid** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285602210
SZ 4022	**Standard quartz cell with PTFE lid** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285602220
SZ 4023	**Standard glass cell with PTFE lid** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285602230
SZ 4024	**Standard quartz cell with PTFE lid** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285602240
SZ 4025	**Standard glass cell with PTFE lid** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285602250
SZ 4026	**Standard quartz cell with PTFE lid** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285602260
SZ 4027	**Standard glass cell with PTFE lid** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285602270
SZ 4028	**Standard quartz cell with PTFE lid** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285602280
SZ 4029	**Standard glass cell with PTFE lid** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285602290
SZ 4030	**Standard quartz cell with PTFE lid** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285602300
SZ 4031	**Standard glass cell with PTFE lid** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285602310
SZ 4032	**Semi-micro quartz cell with black walls and with lid** 5 mm 0,7ml 45*12,5*7,5; aperture: witdh 4 mm	285602320
SZ 4033	**Semi micro glass cell with black walls and with lid** 5 mm 0,7ml 45*12,5*7,5; aperture: witdh 4 mm	285602330
SZ 4034	**Semi-micro quartz cell with black walls and with lid** 1,4 ml 45*12,5*12,5; aperture: witdh 4 mm	285602340

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4035	**Semi micro glass cell with black walls and with lid** 1,4 ml 45*12,5*12,5; aperture: witdh 4 mm	285602350
SZ 4036	**Semi-micro quartz cell with black walls and with lid** 2,8 ml 45*12,5*22,5; aperture: witdh 4 mm	285602360
SZ 4037	**Semi micro glass cell with black walls and with lid** 2,8 ml 45*12,5*22,5; aperture: witdh 4 mm	285602370
SZ 4038	**Semi-micro quartz cell with black walls and with lid** 30 mm 4,2ml 45*12,5*32,5; aperture: witdh 4 mm	285602380
SZ 4039	**Semi micro glass cell with black walls and with lid** 4,2 ml 45*12,5*32,5; aperture: witdh 4 mm	285602390
SZ 4040	**Semi-micro quartz cell with black walls and with lid** 40 mm 5,6ml 45*12,5*42,5; aperture: witdh 4 mm	285602400
SZ 4041	**Semi micro glass cell with black walls and with lid** 40 mm 5,6ml 45*12,5*42,5; aperture: witdh 4 mm	285602410
SZ 4042	**Semi-micro quartz cell with black walls and with lid** 50 mm 7ml 45*12,5*52,5; aperture: witdh 4 mm	285602420
SZ 4043	**Semi micro glass cell with black walls and with lid** 50 mm 7ml 45*12,5*52,5; aperture: witdh 4 mm	285602430
SZ 4044	**Semi-micro quartz cell with black walls and with lid** 100 mm 14ml 45*12,5*102,5; aperture: witdh 4 mm	285602440
SZ 4045	**Semi micro glass cell with black walls and with lid** 100 mm 14ml 45*12,5*102,5; aperture: witdh 4 mm	285602450
SZ 4046	**Semi-micro quartz cell with black walls and PTFE stopper** 5 mm 0,7ml 45*12,5*7,5; aperture: witdh 4 mm	285602460
SZ 4047	**Semi micro glass cell with black walls and PTFE stopper** 5 mm 0,7ml 45*12,5*7,5; aperture: witdh 4 mm	285602470
SZ 4048	**Semi-micro quartz cell with black walls and PTFE stopper** 10 mm 1,4ml 45*12,5*12,5; aperture: witdh 4 mm	285602480
SZ 4049	**Semi micro glass cell with black walls and PTFE stopper** 10 mm 1,4ml 45*12,5*12,5; aperture: witdh 4 mm	285602490
SZ 4050	**Semi-micro quartz cell with black walls and PTFE stopper** 20 mm 2,8ml 45*12,5*22,5; aperture: witdh 4 mm	285602500
SZ 4051	**Semi micro glass cell with black walls and PTFE stopper** 20 mm 2,8ml 45*12,5*22,5; aperture: witdh 4 mm	285602510
SZ 4052	**Semi-micro quartz cell with black walls and PTFE stopper** 30 mm 4,2ml 45*12,5*32,5; aperture: witdh 4 mm	285602520

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4053	**Semi micro glass cell with black walls and PTFE stopper** 30 mm 4,2ml 45*12,5*32,5; aperture: witdh 4 mm	285602530
SZ 4054	**Semi-micro quartz cell with black walls and PTFE stopper** 40 mm 5,6ml 45*12,5*42,5; aperture: witdh 4 mm	285602540
SZ 4055	**Semi micro glass cell with black walls and PTFE stopper** 40 mm 5,6ml 45*12,5*42,5; aperture: witdh 4 mm	285602550
SZ 4056	**Semi-micro quartz cell with black walls and PTFE stopper** 50 mm 7ml 45*12,5*52,5; aperture: witdh 4 mm	285602560
SZ 4057	**Semi micro glass cell with black walls and PTFE stopper** 50 mm 7ml 45*12,5*52,5; aperture: witdh 4 mm	285602570
SZ 4058	**Semi-micro quartz cell with black walls and PTFE stopper** 100 mm 14ml 45*12,5*102,5; aperture: witdh 4 mm	285602580
SZ 4059	**Semi micro glass cell with black walls and PTFE stopper** 100 mm 14ml 45*12,5*102,5; aperture: witdh 4 mm	285602590
SZ 4060	**Micro quartz cell with black walls and with lid** 5 mm 0,35ml 45*12,5*7,5; aperture: witdh 2 mm	285602600
SZ 4061	**Micro glass cell with black walls and with lid** 5 mm 0,35ml 45*12,5*7,5; aperture: witdh 2 mm	285602610
SZ 4062	**Micro quartz cell with black walls and with lid** 10 mm 0,7ml 45*12,5*12,5; aperture: witdh 2 mm	285602620
SZ 4063	**Micro glass cell with black walls and with lid** 10 mm 0,7ml 45*12,5*12,5; aperture: witdh 2 mm	285602630
SZ 4064	**Micro quartz cell with black walls and with lid** 20 mm 1,4ml 45*12,5*22,5; aperture: witdh 2 mm	285602640
SZ 4065	**Micro glass cell with black walls and with lid** 20 mm 1,4ml 45*12,5*22,5; aperture: witdh 2 mm	285602650
SZ 4066	**Micro quartz cell with black walls and with lid** 30 mm 2,1ml 45*12,5*32,5; aperture: witdh 2 mm	285602660
SZ 4067	**Micro glass cell with black walls and with lid** 30 mm 2,1ml 45*12,5*32,5; aperture: witdh 2 mm	285602670
SZ 4068	**Micro quartz cell with black walls and with lid** 40 mm 2,8ml 45*12,5*42,5; aperture: witdh 2 mm	285602680
SZ 4069	**Micro glass cell with black walls and with lid** 40 mm 2,8ml 45*12,5*42,5; aperture: witdh 2 mm	285602690
SZ 4070	**Micro quartz cell with black walls and with lid** 50 mm 3,5ml 45*12,5*52,5; aperture: witdh 2 mm	285602700

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4071	**Micro glass cell with black walls and with lid** 50 mm 3,5ml 45*12,5*52,5; aperture: witdh 2 mm	285602710
SZ 4072	**Micro quartz cell with black walls and with lid** 100 mm 7ml 45*12,5*102,5; aperture: witdh 2 mm	285602720
SZ 4073	**Micro glass cell with black walls and with lid** 100 mm 7ml 45*12,5*102,5; aperture: witdh 2 mm	285602730
SZ 4074	**Micro quartz cell with black walls and with PTFE stopper** 5mm 0,35ml 45*12,5*7,5; aperture: witdh 2 mm	285602740
SZ 4075	**Micro glass cell with black walls and with PTFE stopper** 5mm 0,35ml 45*12,5*7,5; aperture: witdh 2 mm	285602750
SZ 4076	**Micro quartz cell with black walls and with PTFE stopper** 10 mm 0,7ml 45*12,5*12,5; aperture: witdh 2 mm	285602760
SZ 4077	**Micro glass cell with black walls and with PTFE stopper** 10 mm 0,7ml 45*12,5*12,5; aperture: witdh 2 mm	285602770
SZ 4078	**Micro quartz cell with black walls and with PTFE stopper** 20 mm 1,4ml 45*12,5*22,5; aperture: witdh 2 mm	285602780
SZ 4079	**Micro glass cell with black walls and with PTFE stopper** 20 mm 1,4ml 45*12,5*22,5; aperture: witdh 2 mm	285602790
SZ 4080	**Micro quartz cell with black walls and with PTFE stopper** 30 mm 2,1ml 45*12,5*32,5; aperture: witdh 2 mm	285602800
SZ 4081	**Micro glass cell with black walls and with PTFE stopper** 30 mm 2,1ml 45*12,5*32,5; aperture: witdh 2 mm	285602810
SZ 4082	**Micro quartz cell with black walls and with PTFE stopper** 40 mm 2,8ml 45*12,5*42,5; aperture: witdh 2 mm	285602820
SZ 4083	**Micro glass cell with black walls and with PTFE stopper** 40 mm 2,8ml 45*12,5*42,5; aperture: witdh 2 mm	285602830
SZ 4084	**Micro quartz cell with black walls and with PTFE stopper** 50 mm 3,5ml 45*12,5*52,5; aperture: witdh 2 mm	285602840
SZ 4085	**Micro glass cell with black walls and with PTFE stopper** 50 mm 3,5ml 45*12,5*52,5; aperture: witdh 2 mm	285602850
SZ 4086	**Micro quartz cell with black walls and with PTFE stopper** 100 mm 7ml 45*12,5*102,5; aperture: witdh 2 mm	285602860
SZ 4087	**Micro glass cell with black walls and with PTFE stopper** 100 mm 7ml 45*12,5*102,5; aperture: witdh 2 mm	285602870
SZ 4088	**Quartz flowthrough cell , centre height 8.5 mm** 5 mm 0,035ml 45*12,5*7,5; aperture: 3 mm	285602880

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4089	**Quartz flowthrough cell , centre height 15.5 mm** 5 mm 0,035ml 45*12,5*7,5; aperture: 3 mm	285602890
SZ 4090	**Glass flowthrough cell , centre height 8.5 mm** 5 mm 0,035ml 45*12,5*7,5; aperture: 3 mm	285602900
SZ 4091	**Glass flowthrough cell , centre height 15 mm** 5 mm 0,035ml 45*12,5*7,5; aperture: 3 mm	285602910
SZ 4092	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,07ml 45*12,5*12,5; aperture: 3 mm	285602920
SZ 4093	**Quartz flowthrough cell , centre height 15.5 mm** 10 mm 0,07ml 45*12,5*12,5; aperture: 3 mm	285602930
SZ 4094	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,07ml 45*12,5*12,5; aperture: 3 mm	285602940
SZ 4095	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,07ml 45*12,5*12,5; aperture: 3 mm	285602950
SZ 4096	**Quartz flowthrough cell , centre height 8.5 mm** 20 mm 0,14ml 45*12,5*22,5; aperture: 3 mm	285602960
SZ 4097	**Quartz flowthrough cell , centre height 15.5 mm** 20 mm 0,14ml 45*12,5*22,5; aperture: 3 mm	285602970
SZ 4098	**Glass flowthrough cell , centre height 8.5 mm** 20 mm 0,14ml 45*12,5*22,5; aperture: 3 mm	285602980
SZ 4099	**Glass flowthrough cell , centre height 15 mm** 20 mm 0,14ml 45*12,5*22,5; aperture: 3 mm	285602990
SZ 4100	**Quartz flowthrough cell , centre height 8.5 mm** 30 mm 0,21ml 45*12,5*32,5; aperture: 3 mm	285603000
SZ 4101	**Quartz flowthrough cell , centre height 15.5 mm** 30 mm 0,21ml 45*12,5*32,5; aperture: 3 mm	285603010
SZ 4102	**Glass flowthrough cell , centre height 8.5 mm** 30 mm 0,21ml 45*12,5*32,5; aperture: 3 mm	285603020
SZ 4103	**Glass flowthrough cell , centre height 15 mm** 30 mm 0,21ml 45*12,5*32,5; aperture: 3 mm	285603030
SZ 4104	**Quartz flowthrough cell , centre height 8.5 mm** 5 mm 0,015ml 45*12,5*7,5; aperture: 2 mm	285603040
SZ 4105	**Quartz flowthrough cell , centre height 15.5 mm** 5 mm 0,015ml 45*12,5*7,5; aperture: 2 mm	285603050
SZ 4106	**Glass flowthrough cell , centre height 8.5 mm** 5 mm 0,015ml 45*12,5*7,5; aperture: 2 mm	285603060

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4107	**Glass flowthrough cell , centre height 15 mm** 5 mm 0,015ml 45*12,5*7,5; aperture: 2 mm	285603070
SZ 4108	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: 2 mm	285603080
SZ 4109	**Quartz flowthrough cell , centre height 15.5 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: 2 mm	285603090
SZ 4110	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: 2 mm	285603100
SZ 4111	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: 2 mm	285603110
SZ 4112	**Quartz flowthrough cell , centre height 8.5 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: 2 mm	285603120
SZ 4113	**Quartz flowthrough cell , centre height 15.5 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: 2 mm	285603130
SZ 4114	**Glass flowthrough cell , centre height 8.5 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: 2 mm	285603140
SZ 4115	**Glass flowthrough cell , centre height 15 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: 2 mm	285603150
SZ 4116	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: 1.5 mm	285603160
SZ 4117	**Quartz flowthrough cell , centre height 15.5 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: 1.5 mm	285603170
SZ 4118	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: 1.5 mm	285603180
SZ 4119	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: 1.5 mm	285603190
SZ 4120	**Quartz flowthrough cell , centre height 8.5 mm** 5mm 0,24ml 45*12,5*7,5; aperture: 4 x 12 mm (W x H)	285603200
SZ 4121	**Quartz flowthrough cell , centre height 15.5 mm** 5mm 0,24ml 45*12,5*7,5; aperture: 4 x 12 mm (W x H)	285603210
SZ 4122	**Glass flowthrough cell , centre height 8.5 mm** 5mm 0,24ml 45*12,5*7,5; aperture: 4 x 12 mm (W x H)	285603220
SZ 4123	**Glass flowthrough cell , centre height 15 mm** 5mm 0,24ml 45*12,5*7,5; aperture: 4 x 12 mm (W x H)	285603230
SZ 4124	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,48ml 45*12,5*12,5; aperture: 4 x 12 mm (W x H)	285603240

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4125	**Quartz flowthrough cell , centre height 15.5 mm** 10 mm 0,48ml 45*12,5*12,5; aperture: 4 x 12 mm (W x H)	285603250
SZ 4126	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,48ml 45*12,5*12,5; aperture: 4 x 12 mm (W x H)	285603260
SZ 4127	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,48ml 45*12,5*12,5; aperture: 4 x 12 mm (W x H)	285603270
SZ 4128	**Quartz flowthrough cell , centre height 8.5 mm** 20 mm 1,0ml 45*12,5*22,5; aperture: 4 x 12 mm (W x H)	285603280
SZ 4129	**Quartz flowthrough cell , centre height 15.5 mm** 20 mm 1,0ml 45*12,5*22,5; aperture: 4 x 12 mm (W x H)	285603290
SZ 4130	**Glass flowthrough cell , centre height 8.5 mm** 20 mm 1,0ml 45*12,5*22,5; aperture: 4 x 12 mm (W x H)	285603300
SZ 4131	**Glass flowthrough cell , centre height 15 mm** 20 mm 1,0ml 45*12,5*22,5; aperture: 4 x 12 mm (W x H)	285603310
SZ 4132	**Quartz flowthrough cell , centre height 8.5 mm** 30 mm 1,5ml 45*12,5*32,5; aperture: 4 x 12 mm (W x H)	285603320
SZ 4133	**Quartz flowthrough cell , centre height 15.5 mm** 30 mm 1,5ml 45*12,5*32,5; aperture: 4 x 12 mm (W x H)	285603330
SZ 4134	**Glass flowthrough cell , centre height 8.5 mm** 30 mm 1,5ml 45*12,5*32,5; aperture: 4 x 12 mm (W x H)	285603340
SZ 4135	**Glass flowthrough cell , centre height 15 mm** 30 mm 1,5ml 45*12,5*32,5; aperture: 4 x 12 mm (W x H)	285603350
SZ 4136	**Quartz flowthrough cell , centre height 8.5 mm** 5mm 0,12ml 45*12,5*7,5; aperture: 2 x 12 mm (W x H)	285603360
SZ 4137	**Quartz flowthrough cell , centre height 15.5 mm** 5mm 0,12ml 45*12,5*7,5; aperture: 2 x 12 mm (W x H)	285603370
SZ 4138	**Glass flowthrough cell , centre height 8.5 mm** 5mm 0,12ml 45*12,5*7,5; aperture: 2 x 12 mm (W x H)	285603380
SZ 4139	**Glass flowthrough cell , centre height 15 mm** 5mm 0,12ml 45*12,5*7,5; aperture: 2 x 12 mm (W x H)	285603390
SZ 4140	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,24ml 45*12,5*12,5; aperture: 2 x 12 mm (W x H)	285603400
SZ 4141	**Quartz flowthrough cell , centre height 15.5 mm** 10 mm 0,24ml 45*12,5*12,5; aperture: 2 x 12 mm (W x H)	285603410
SZ 4142	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,24ml 45*12,5*12,5; aperture: 2 x 12 mm (W x H)	285603420

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4143	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,24ml 45*12,5*12,5; aperture: 2 x 12 mm (W x H)	285603430
SZ 4144	**Quartz cylindrical cell** 10 mm 2,8 ml Ø 22*12,5; aperture: 19 mm	285603440
SZ 4145	**Glass cylindrical cell** 10 mm 2,8 ml Ø 22*12,5; aperture: 19 mm	285603450
SZ 4146	**Quartz cylindrical cell** 20 mm 5,7 ml Ø 22*22,5; aperture: 19 mm	285603460
SZ 4147	**Glass cylindrical cell** 20 mm 5,7 ml Ø 22*22,5; aperture: 19 mm	285603470
SZ 4148	**Quartz cylindrical cell** 50 mm 14 ml Ø 22*52,5; aperture: 19 mm	285603480
SZ 4149	**Glass cylindrical cell** 50 mm 14 ml Ø 22*52,5; aperture: 19 mm	285603490
SZ 4150	**Quartz cylindrical cell** 100 mm 28 ml Ø 22*102,5; aperture: 19 mm	285603500
SZ 4151	**Glass cylindrical cell** 100 mm 28 ml Ø 22*102,5; aperture: 19 mm	285603510
SZ 4152	**Quartz cylindrical cell one stopper** 10 mm 2,8 ml Ø 22*12,5; aperture: 19 mm	285603520
SZ 4153	**Glass cylindrical cell one stopper** 10 mm 2,8 ml Ø 22*12,5; aperture: 19 mm	285603530
SZ 4154	**Quartz cylindrical cell one stopper** 20 mm 5,7 ml Ø 22*22,5; aperture: 19 mm	285603540
SZ 4155	**Glass cylindrical cell one stopper** 20 mm 5,7 ml Ø 22*22,5; aperture: 19 mm	285603550
SZ 4156	**Quartz cylindrical cell one stopper** 50 mm 14 ml Ø 22*52,5; aperture: 19 mm	285603560
SZ 4157	**Glass cylindrical cell one stopper** 50 mm 14 ml Ø 22*52,5; aperture: 19 mm	285603570
SZ 4158	**Quartz cylindrical cell one stopper** 100 mm 28 ml Ø 22*102,5; aperture: 19 mm	285603580
SZ 4159	**Glass cylindrical cell one stopper** 100 mm 28 ml Ø 22*102,5; aperture: 19 mm	285603590
SZ 4160	**Standard quartz cell with lid and round bottom** 1 mm 350µl 45*12,5*3,5; aperture: witdh 10 mm	285603600

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4161	**Standard glass cell with lid and round bottom** 1 mm 350µl 45*12,5*3,5; aperture: witdh 10 mm	285603610
SZ 4162	**Standard quartz cell with lid and round bottom** 2 mm 700µl 45*12,5*4,5; aperture: witdh 10 mm	285603620
SZ 4163	**Standard glass cell with lid and round bottom** 2 mm 700µl 45*12,5*4,5; aperture: witdh 10 mm	285603630
SZ 4164	**Standard quartz cell with lid and round bottom** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285603640
SZ 4165	**Standard glass cell with lid and round bottom** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285603650
SZ 4166	**Standard quartz cell with lid and round bottom** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285603660
SZ 4167	**Standard glass cell with lid and round bottom** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285603670
SZ 4168	**Standard quartz cell with lid and round bottom** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285603680
SZ 4169	**Standard glass cell with lid and round bottom** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285603690
SZ 4170	**Standard quartz cell with lid and round bottom** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285603700
SZ 4171	**Standard glass cell with lid and round bottom** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285603710
SZ 4172	**Standard quartz cell with lid and round bottom** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285603720
SZ 4173	**Standard glass cell with lid and round bottom** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285603730
SZ 4174	**Standard quartz cell with lid and round bottom** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285603740
SZ 4175	**Standard glass cell with lid and round bottom** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285603750
SZ 4176	**Standard quartz cell with lid and round bottom** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285603760
SZ 4177	**Standard glass cell with lid and round bottom** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285603770
SZ 4178	**Standard quartz cell with PTFE stopper and round bottom** 1 mm 350µl 45*12,5*3,5; aperture: witdh 10 mm	285603780

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4179	**Standard glass cell with PTFE stopper and round bottom** 1 mm 350µl 45*12,5*3,5; aperture: witdh 10 mm	285603790
SZ 4180	**Standard quartz cell with PTFE stopper and round bottom** 2 mm 700µl 45*12,5*4,5; aperture: witdh 10 mm	285603800
SZ 4181	**Standard glass cell with PTFE stopper and round bottom** 2 mm 700µl 45*12,5*4,5; aperture: witdh 10 mm	285603810
SZ 4182	**Standard quartz cell with PTFE stopper and round bottom** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285603820
SZ 4183	**Standard glass cell with PTFE stopper and round bottom** 5 mm 1,7ml 45*12,5*7,5; aperture: witdh 10 mm	285603830
SZ 4184	**Standard quartz cell with PTFE stopper and round bottom** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285603840
SZ 4185	**Standard glass cell with PTFE stopper and round bottom** 10 mm 3,5ml 45*12,5*12,5; aperture: witdh 10 mm	285603850
SZ 4186	**Standard quartz cell with PTFE stopper and round bottom** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285603860
SZ 4187	**Standard glass cell with PTFE stopper and round bottom** 20 mm 7ml 45*12,5*22,5; aperture: witdh 10 mm	285603870
SZ 4188	**Standard quartz cell with PTFE stopper and round bottom** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285603880
SZ 4189	**Standard glass cell with PTFE stopper and round bottom** 30 mm 10,5ml 45*12,5*32,5; aperture: witdh 10 mm	285603890
SZ 4190	**Standard quartz cell with PTFE stopper and round bottom** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285603900
SZ 4191	**Standard glass cell with PTFE stopper and round bottom** 40 mm 14ml 45*12,5*42,5; aperture: witdh 10 mm	285603910
SZ 4192	**Standard quartz cell with PTFE stopper and round bottom** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285603920
SZ 4193	**Standard glass cell with PTFE stopper and round bottom** 50 mm 17,5ml 45*12,5*52,5; aperture: witdh 10 mm	285603930
SZ 4194	**Standard quartz cell with PTFE stopper and round bottom** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285603940
SZ 4195	**Standard glass cell with PTFE stopper and round bottom** 100 mm 35ml 45*12,5*102,5; aperture: witdh 10 mm	285603950
SZ 4196	**Quartz Micro cell with black walls and with lid** 5 mm 0,17ml 45*12,5*7,5; aperture: witdh 1 mm	285603960

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4197	**Glass Micro cell with black walls and with lid** 5 mm 0,17ml 45*12,5*7,5; aperture: witdh 1 mm	285603970
SZ 4198	**Quartz Micro cell with black walls and with lid** 10 mm 0,35ml 45*12,5*12,5; aperture: witdh 1 mm	285603980
SZ 4199	**Glass Micro cell with black walls and with lid** 10 mm 0,35ml 45*12,5*12,5; aperture: witdh 1 mm	285603990
SZ 4200	**Quartz Micro cell with black walls and with lid** 20 mm 0,7ml 45*12,5*22,5; aperture: witdh 1 mm	285604000
SZ 4201	**Glass Micro cell with black walls and with lid** 20 mm 0,7ml 45*12,5*22,5; aperture: witdh 1 mm	285604010
SZ 4202	**Quartz Micro cell with black walls and with lid** 30 mm 1ml 45*12,5*32,5; aperture: witdh 1 mm	285604020
SZ 4203	**Glass Micro cell with black walls and with lid** 30 mm 1ml 45*12,5*32,5; aperture: witdh 1 mm	285604030
SZ 4204	**Quartz Micro cell with black walls and with lid** 40 mm 1,4ml 45*12,5*42,5; aperture: witdh 1 mm	285604040
SZ 4205	**Glass Micro cell with black walls and with lid** 40 mm 1,4ml 45*12,5*42,5; aperture: witdh 1 mm	285604050
SZ 4206	**Quartz Micro cell with black walls and with lid** 50 mm 1,75ml 45*12,5*52,5; aperture: witdh 1 mm	285604060
SZ 4207	**Glass Micro cell with black walls and with lid** 50 mm 1,75ml 45*12,5*52,5; aperture: witdh 1 mm	285604070
SZ 4208	**Quartz Micro cell with black walls and with lid** 100 mm 3,5ml 45*12,5*102,5; aperture: witdh 1 mm	285604080
SZ 4209	**Glass Micro cell with black walls and with lid** 100 mm 3,5ml 45*12,5*102,5; aperture: witdh 1 mm	285604090
SZ 4210	**Quartz Micro cell with black walls and with lid** 5 mm 0,5ml 45*12,5*7,5; aperture: witdh 3 mm	285604100
SZ 4211	**Glass Micro cell with black walls and with lid** 5 mm 0,5ml 45*12,5*7,5; aperture: witdh 3 mm	285604110
SZ 4212	**Quartz Micro cell with black walls and with lid** 10 mm 1ml 45*12,5*12,5; aperture: witdh 3 mm	285604120
SZ 4213	**Glass Micro cell with black walls and with lid** 10 mm 1ml 45*12,5*12,5; aperture: witdh 3 mm	285604130
SZ 4214	**Quartz Micro cell with black walls and with lid** 20 mm 2,1ml 45*12,5*22,5; aperture: witdh 3 mm	285604140

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4215	**Glass Micro cell with black walls and with lid** 20 mm 2,1ml 45*12,5*22,5; aperture: witdh 3 mm	285604150
SZ 4216	**Quartz Micro cell with black walls and with lid** 30 mm 3,15ml 45*12,5*32,5; aperture: witdh 3 mm	285604160
SZ 4217	**Glass Micro cell with black walls and with lid** 30 mm 3,15ml 45*12,5*32,5; aperture: witdh 3 mm	285604170
SZ 4218	**Quartz Micro cell with black walls and with lid** 40 mm 4,2ml 45*12,5*42,5; aperture: witdh 3 mm	285604180
SZ 4219	**Glass Micro cell with black walls and with lid** 40 mm 4,2ml 45*12,5*42,5; aperture: witdh 3 mm	285604190
SZ 4220	**Quartz Micro cell with black walls and with lid** 50 mm 5,25ml 45*12,5*52,5; aperture: witdh 3 mm	285604200
SZ 4221	**Glass Micro cell with black walls and with lid** 50 mm 5,25ml 45*12,5*52,5; aperture: witdh 3 mm	285604210
SZ 4222	**Quartz Micro cell with black walls and with lid** 100 mm 10,5ml 45*12,5*102,5; aperture: witdh 3 mm	285604220
SZ 4223	**Glass Micro cell with black walls and with lid** 100 mm 10,5ml 45*12,5*102,5; aperture: witdh 3 mm	285604230
SZ 4224	**Quartz Semi Micro cell with black walls and with lid** 5 mm 0,85ml 45*12,5*7,5; aperture: witdh 5 mm	285604240
SZ 4225	**Glass Semi Micro cell with black walls and with lid** 5 mm 0,85ml 45*12,5*7,5; aperture: witdh 5 mm	285604250
SZ 4226	**Quartz Semi Micro cell with black walls and with lid** 10 mm 1,75ml 45*12,5*12,5; aperture: witdh 5 mm	285604260
SZ 4227	**Glass Semi Micro cell with black walls and with lid** 10 mm 1,75ml 45*12,5*12,5; aperture: witdh 5 mm	285604270
SZ 4228	**Quartz Semi Micro cell with black walls and with lid** 20 mm 3,5ml 45*12,5*22,5; aperture: witdh 5 mm	285604280
SZ 4229	**Glass Semi Micro cell with black walls and with lid** 20 mm 3,5ml 45*12,5*22,5; aperture: witdh 5 mm	285604290
SZ 4230	**Quartz Semi Micro cell with black walls and with lid** 30 mm 5,25ml 45*12,5*32,5; aperture: witdh 5 mm	285604300
SZ 4231	**Glass Semi Micro cell with black walls and with lid** 30 mm 5,25ml 45*12,5*32,5; aperture: witdh 5 mm	285604310
SZ 4232	**Quartz Semi Micro cell with black walls and with lid** 40 mm 7ml 45*12,5*42,5; aperture: witdh 5 mm	285604320

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4233	**Glass Semi Micro cell with black walls and with lid** 40 mm 7ml 45*12,5*42,5; aperture: witdh 5 mm	285604330
SZ 4234	**Quartz Semi Micro cell with black walls and with lid** 50 mm 8,75ml 45*12,5*52,5; aperture: witdh 5 mm	285604340
SZ 4235	**Glass Semi Micro cell with black walls and with lid** 50 mm 8,75ml 45*12,5*52,5; aperture: witdh 5 mm	285604350
SZ 4236	**Quartz Semi Micro cell with black walls and with lid** 100 mm 17,5ml 45*12,5*102,5; aperture: witdh 5 mm	285604360
SZ 4237	**Glass Semi Micro cell with black walls and with lid** 100 mm 17,5ml 45*12,5*102,5; aperture: witdh 5 mm	285604370
SZ 4238	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,01ml 45*12,5*12,5; aperture: witdh 1 mm	285604380
SZ 4239	**Quartz flowthrough cell , centre height 15 mm** 10 mm 0,01ml 45*12,5*12,5; aperture: witdh 1 mm	285604390
SZ 4240	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,01ml 45*12,5*12,5; aperture: witdh 1 mm	285604400
SZ 4241	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,01ml 45*12,5*12,5; aperture: witdh 1 mm	285604410
SZ 4242	**Quartz flowthrough cell , centre height 8.5 mm** 20 mm 0,016ml 45*12,5*22,5; aperture: witdh 1 mm	285604420
SZ 4243	**Quartz flowthrough cell , centre height 15 mm** 20 mm 0,016ml 45*12,5*22,5; aperture: witdh 1 mm	285604430
SZ 4244	**Glass flowthrough cell , centre height 8.5 mm** 20 mm 0,016ml 45*12,5*22,5; aperture: witdh 1 mm	285604440
SZ 4245	**Glass flowthrough cell , centre height 15 mm** 20 mm 0,016ml 45*12,5*22,5; aperture: witdh 1 mm	285604450
SZ 4246	**Quartz flowthrough cell , centre height 8.5 mm** 30 mm 0,025ml 45*12,5*32,5; aperture: witdh 1 mm	285604460
SZ 4247	**Quartz flowthrough cell , centre height 15 mm** 30 mm 0,025ml 45*12,5*32,5; aperture: witdh 1 mm	285604470
SZ 4248	**Glass flowthrough cell , centre height 8.5 mm** 30 mm 0,025ml 45*12,5*32,5; aperture: witdh 1 mm	285604480
SZ 4249	**Glass flowthrough cell , centre height 15 mm** 30 mm 0,025ml 45*12,5*32,5; aperture: witdh 1 mm	285604490
SZ 4250	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: witdh 1.5 mm	285604500

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4251	**Quartz flowthrough cell , centre height 15 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: witdh 1.5 mm	285604510
SZ 4252	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: witdh 1.5 mm	285604520
SZ 4253	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,018ml 45*12,5*12,5; aperture: witdh 1.5 mm	285604530
SZ 4254	**Quartz flowthrough cell , centre height 8.5 mm** 20 mm 0,036ml 45*12,5*22,5; aperture: witdh 1.5 mm	285604540
SZ 4255	**Quartz flowthrough cell , centre height 15 mm** 20 mm 0,036ml 45*12,5*22,5; aperture: witdh 1.5 mm	285604550
SZ 4256	**Glass flowthrough cell , centre height 8.5 mm** 20 mm 0,036ml 45*12,5*22,5; aperture: witdh 1.5 mm	285604560
SZ 4257	**Glass flowthrough cell , centre height 15 mm** 20 mm 0,036ml 45*12,5*22,5; aperture: witdh 1.5 mm	285604570
SZ 4258	**Quartz flowthrough cell , centre height 8.5 mm** 30 mm 0,055ml 45*12,5*32,5; aperture: witdh 1.5 mm	285604580
SZ 4259	**Quartz flowthrough cell , centre height 15 mm** 30 mm 0,055ml 45*12,5*32,5; aperture: witdh 1.5 mm	285604590
SZ 4260	**Glass flowthrough cell , centre height 8.5 mm** 30 mm 0,055ml 45*12,5*32,5; aperture: witdh 1.5 mm	285604600
SZ 4261	**Glass flowthrough cell , centre height 15 mm** 30 mm 0,055ml 45*12,5*32,5; aperture: witdh 1.5 mm	285604610
SZ 4262	**Quartz flowthrough cell , centre height 8.5 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: witdh 2 mm	285604620
SZ 4263	**Quartz flowthrough cell , centre height 15 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: witdh 2 mm	285604630
SZ 4264	**Glass flowthrough cell , centre height 8.5 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: witdh 2 mm	285604640
SZ 4265	**Glass flowthrough cell , centre height 15 mm** 10 mm 0,03ml 45*12,5*12,5; aperture: witdh 2 mm	285604650
SZ 4266	**Quartz flowthrough cell , centre height 8.5 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: witdh 2 mm	285604660
SZ 4267	**Quartz flowthrough cell , centre height 15 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: witdh 2 mm	285604670
SZ 4268	**Glass flowthrough cell , centre height 8.5 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: witdh 2 mm	285604680

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4269	**Glass flowthrough cell , centre height 15 mm** 20 mm 0,06ml 45*12,5*22,5; aperture: witdh 2 mm	285604690
SZ 4270	**Quartz flowthrough cell , centre height 8.5 mm** 30 mm 0,09ml 45*12,5*32,5; aperture: witdh 2 mm	285604700
SZ 4271	**Quartz flowthrough cell , centre height 15 mm** 30 mm 0,09ml 45*12,5*32,5; aperture: witdh 2 mm	285604710
SZ 4272	**Glass flowthrough cell , centre height 8.5 mm** 30 mm 0,09ml 45*12,5*32,5; aperture: witdh 2 mm	285604720
SZ 4273	**Glass flowthrough cell , centre height 15 mm** 30 mm 0,09ml 45*12,5*32,5; aperture: witdh 2 mm	285604730
SZ 4274	**Micro quartz cell with frosted walls and with PTFE stopper** 5 mm 0,17ml 45*12,5*7,5; aperture: witdh 1 mm	285604740
SZ 4275	**Micro glass cell with frosted walls and with PTFE stopper** 5 mm 0,17ml 45*12,5*7,5; aperture: witdh 1 mm	285604750
SZ 4276	**Micro quartz cell with frosted walls and with PTFE stopper** 10 mm 0,35ml 45*12,5*12,5; aperture: witdh 1 mm	285604760
SZ 4277	**Micro glass cell with frosted walls and with PTFE stopper** 10 mm 0,35ml 45*12,5*12,5; aperture: witdh 1 mm	285604770
SZ 4278	**Micro quartz cell with frosted walls and with PTFE stopper** 20 mm 0,7ml 45*12,5*22,5; aperture: witdh 1 mm	285604780
SZ 4279	**Micro glass cell with frosted walls and with PTFE stopper** 20 mm 0,7ml 45*12,5*22,5; aperture: witdh 1 mm	285604790
SZ 4280	**Micro quartz cell with frosted walls and with PTFE stopper** 30 mm 1ml 45*12,5*32,5; aperture: witdh 1 mm	285604800
SZ 4281	**Micro glass cell with frosted walls and with PTFE stopper** 30 mm 1ml 45*12,5*32,5; aperture: witdh 1 mm	285604810
SZ 4282	**Micro quartz cell with frosted walls and with PTFE stopper** 40 mm 1,4ml 45*12,5*42,5; aperture: witdh 1 mm	285604820
SZ 4283	**Micro glass cell with frosted walls and with PTFE stopper** 40 mm 1,4ml 45*12,5*42,5; aperture: witdh 1 mm	285604830
SZ 4284	**Micro quartz cell with frosted walls and with PTFE stopper** 50 mm 1,75ml 45*12,5*52,5; aperture: witdh 1 mm	285604840
SZ 4285	**Micro glass cell with frosted walls and with PTFE stopper** 50 mm 1,75ml 45*12,5*52,5; aperture: witdh 1 mm	285604850
SZ 4286	**Micro quartz cell with frosted walls and with PTFE stopper** 100 mm 3,5ml 45*12,5*102,5; aperture: witdh 1 mm	285604860

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4287	**Micro glass cell with frosted walls and with PTFE stopper** 100 mm 3,5ml 45*12,5*102,5; aperture: witdh 1 mm	285604870
SZ 4288	**Micro quartz cell with frosted walls and with PTFE stopper** 5mm 0,5 ml 45*12,5*7,5; aperture: witdh 3 mm	285604880
SZ 4289	**Micro glass cell with frosted walls and with PTFE stopper** 5 mm 0,5 ml 45*12,5*7,5; aperture: witdh 3 mm	285604890
SZ 4290	**Micro quartz cell with frosted walls and with PTFE stopper** 10 mm 1 ml 45*12,5*12,5; aperture: witdh 3 mm	285604900
SZ 4291	**Micro glass cell with frosted walls and with PTFE stopper** 10 mm 1 ml 45*12,5*12,5; aperture: witdh 3 mm	285604910
SZ 4292	**Micro quartz cell with frosted walls and with PTFE stopper** 20 mm 2,1 ml 45*12,5*22,5; aperture: witdh 3 mm	285604920
SZ 4293	**Micro glass cell with frosted walls and with PTFE stopper** 20 mm 2,1 ml 45*12,5*22,5; aperture: witdh 3 mm	285604930
SZ 4294	**Micro quartz cell with frosted walls and with PTFE stopper** 30 mm 3,15 ml 45*12,5*32,5; aperture: witdh 3 mm	285604940
SZ 4295	**Micro glass cell with frosted walls and with PTFE stopper** 30 mm 3,15 ml 45*12,5*32,5; aperture: witdh 3 mm	285604950
SZ 4296	**Micro quartz cell with frosted walls and with PTFE stopper** 40 mm 4,2 ml 45*12,5*42,5; aperture: witdh 3 mm	285604960
SZ 4297	**Micro glass cell with frosted walls and with PTFE stopper** 40 mm 4,2 ml 45*12,5*42,5; aperture: witdh 3 mm	285604970
SZ 4298	**Micro quartz cell with frosted walls and with PTFE stopper** 50 mm 5,25 ml 45*12,5*52,5; aperture: witdh 3 mm	285604980
SZ 4299	**Micro glass cell with frosted walls and with PTFE stopper** 50 mm 5,25 ml 45*12,5*52,5; aperture: witdh 3 mm	285604990
SZ 4300	**Micro quartz cell with frosted walls and with PTFE stopper** 100 mm 10,5ml 45*12,5*102,5; aperture: witdh 3 mm	285605000
SZ 4301	**Micro glass cell with frosted walls and with PTFE stopper** 100 mm 10,5ml 45*12,5*102,5; aperture: witdh 3 mm	285605010
SZ 4302	**Micro quartz cell with frosted walls and with PTFE stopper** 5 mm 0,85 ml 45*12,5*7,5; aperture: witdh 5 mm	285605020
SZ 4303	**Micro glass cell with frosted walls and with PTFE stopper** 5 mm 0,85 ml 45*12,5*7,5; aperture: witdh 5 mm	285605030
SZ 4304	**Micro quartz cell with frosted walls and with PTFE stopper** 10 mm 1,7 ml 45*12,5*12,5; aperture: witdh 5 mm	285605040

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4305	**Micro glass cell with frosted walls and with PTFE stopper** 10 mm 1,7 ml 45*12,5*12,5; aperture: witdh 5 mm	285605050
SZ 4306	**Micro quartz cell with frosted walls and with PTFE stopper** 20 mm 3,5 ml 45*12,5*22,5; aperture: witdh 5 mm	285605060
SZ 4307	**Micro glass cell with frosted walls and with PTFE stopper** 20 mm 3,5 ml 45*12,5*22,5; aperture: witdh 5 mm	285605070
SZ 4308	**Micro quartz cell with frosted walls and with PTFE stopper** 30 mm 5,2 ml 45*12,5*32,5; aperture: witdh 5 mm	285605080
SZ 4309	**Micro glass cell with frosted walls and with PTFE stopper** 30 mm 5,2 ml 45*12,5*32,5; aperture: witdh 5 mm	285605090
SZ 4310	**Micro quartz cell with frosted walls and with PTFE stopper** 40 mm 7 ml 45*12,5*42,5; aperture: witdh 5 mm	285605100
SZ 4311	**Micro glass cell with frosted walls and with PTFE stopper** 40 mm 7 ml 45*12,5*42,5; aperture: witdh 5 mm	285605110
SZ 4312	**Micro quartz cell with frosted walls and with PTFE stopper** 50 mm 8,75 ml 45*12,5*52,5; aperture: witdh 5 mm	285605120
SZ 4313	**Micro glass cell with frosted walls and with PTFE stopper** 50 mm 8,75 ml 45*12,5*52,5; aperture: witdh 5 mm	285605130
SZ 4314	**Micro quartz cell with frosted walls and with PTFE stopper** 100 mm 17,5ml 45*12,5*102,5; aperture: witdh 5 mm	285605140
SZ 4315	**Micro glass cell with frosted walls and with PTFE stopper** 100 mm 17,5ml 45*12,5*102,5; aperture: witdh 5 mm	285605150
SZ 4316	**Quartz Micro cell with black walls and with lid** 10 mm 0,15ml 45*12,5*12,5; aperture: witdh 1 mm	285605160
SZ 4317	**Glass Micro cell with black walls and with lid** 10 mm 0,15ml 45*12,5*12,5; aperture: witdh 1 mm	285605170
SZ 4318	**Quartz Micro cell with black walls and with lid** 10 mm 0,30 ml 45*12,5*12,5; aperture: witdh 2 mm	285605180
SZ 4319	**Glass Micro cell with black walls and with lid** 10 mm 0,30 ml 45*12,5*12,5; aperture: witdh 2 mm	285605190
SZ 4320	**Quartz Micro cell with black walls and with lid** 10 mm 0,45ml 45*12,5*12,5; aperture: witdh 3 mm	285605200
SZ 4321	**Glass Micro cell with black walls and with lid** 10 mm 0,45 ml 45*12,5*12,5; aperture: witdh 3 mm	285605210
SZ 4322	**Quartz Micro cell with black walls and with lid** 10 mm 0,60 ml 45*12,5*12,5; aperture: witdh 4 mm	285605220

Spectrophotometry

Cells

Type No.	Description	Ordering No.
SZ 4323	**Glass Micro cell with black walls and with lid** 10 mm 0,60ml 45*12,5*12,5; aperture: witdh 4 mm	285605230
SZ 4324	**Quartz Micro cell with frosted walls and with lid** 10 mm 0,15ml 45*12,5*12,5; aperture: witdh 1 mm	285605240
SZ 4325	**Glass Micro cell with frosted walls and with lid** 10 mm 0,15ml 45*12,5*12,5; aperture: witdh 1 mm	285605250
SZ 4326	**Quartz Micro cell with frosted walls and with lid** 10 mm 0,30 ml 45*12,5*12,5; aperture: witdh 2 mm	285605260
SZ 4327	**Glass Micro cell with frosted walls and with lid** 10 mm 0,30 ml 45*12,5*12,5; aperture: witdh 2 mm	285605270
SZ 4328	**Quartz Micro cell with frosted walls and with lid** 10 mm 0,45ml 45*12,5*12,5; aperture: witdh 3 mm	285605280
SZ 4329	**Glass Micro cell with frosted walls and with lid** 10 mm 0,45 ml 45*12,5*12,5; aperture: witdh 3 mm	285605290
SZ 4330	**Quartz Micro cell with frosted walls and with lid** 10 mm 0,60 ml 45*12,5*12,5; aperture: witdh 4 mm	285605300
SZ 4331	**Glass Micro cell with frosted walls and with lid** 10 mm 0,60ml 45*12,5*12,5; aperture: witdh 4 mm	285605310
SZ 4332	**Quartz micro cell with black walls , centre height 8.5 mm** 10 mm 0,1 ml 45*12,5*12,5; aperture: witdh 2 mm	285605320
SZ 4333	**Quartz micro cell with black walls , centre height 15 mm** 10 mm 0,1 ml 45*12,5*12,5; aperture: witdh 2 mm	285605330
SZ 4334	**Glass micro cell with black walls , centre height 8.5 mm** 10 mm 0,1 ml 45*12,5*12,5; aperture: witdh 2 mm	285605340
SZ 4335	**Glass micro cell with black walls , centre height 15 mm** 10 mm 0,1 ml 45*12,5*12,5; aperture: witdh 2 mm	285605350

Viscometry

Overview

ViscoClock....140
Accessories and spare parts for ViscoClock....141
ViscoSystem® - AVS 370....142
Accessories and spare parts for AVS 370....143
ViscoSystem® - AVS 470....147
Accessories and spare parts for AVS 470....148
Sampling system AVSPro II....149
Accessories and spare parts for AVSPro....150
Accessories and spare parts for AVS 350, 360, 410 and 450....159
Accessories and spare parts for AVS 24 and AVS 26....160
Glass pannelled thermostats....161
Measuring stands....163
Accessories and spare parts for measuring stands and viscometers....164
Temperature stabilization jackets....165
Service....166
Cannon-Fenske routine viscometers....167
Cannon-Fenske reverse flow viscometers....170
Micro-Ostwald viscometers....171
Micro-Ubbelohde viscometers (DIN)....172
Micro-Ubbelohde viscometers (DIN) with TC sensor....173
Ostwald viscometers....175
Ubbelohde viscometers (DIN)....176
Ubbelohde viscometers (DIN) with TC sensors....179
Ubbelohde viscometers (ASTM)....184
Ubbelohde viscometers for dilution series....187

Viscometry

ViscoClock

Type No.	Description	Ordering No.
ViscoClock	**Introductory model in the field of automatic viscosity measurements** (95V ... 230V) The ViscoClock is designed for use of an Ubbelohde viscometer, a Micro-Ubbelohde or a Micro-Ostwald viscometer made by Schott.	285410938
ViscoClock Modul 1	**Module 1, 230V** Scope of delivery: ViscoClock and CT 52 (230V)	285410990

Accessories and spare parts for ViscoClock

Type No.	Description	Ordering No.
TZ 3095	**Data cable RS-232-C, 1.5 m length** 1st side: 4-pole plug mini DIN 2nd side: 25-pole plug sub-miniature D, Connection: TITRONIC® universal, TITRONIC® 97, TITRONIC® 96, TITRONIC® basic <-> RS-232-C printer and TITRONIC® universal, TITRONIC® 97 <-> TL alpha, TW alpha, 1.5 m	285223553
VZ 5128	**Set of light fibers for ViscoClock (4 pcs.)**	1055707
VZ 6550	**Manual pump set pressure**	285418641
VZ 6551	**Silicone stopper (5 pieces)**	285418658
VZ 6552	**Membrane (5 pieces)**	285418666
VZ 6554	**Manual pump set, vacuum**	285418682

Viscometry

ViscoSystem® - AVS 370

Type No.	Description	Ordering No.
AVS 370 Module 1	**Module 1 - Polymer 1 (230V)** Scope of delivery: AVS 370 Basic unit, 1 pc. AVS/SK, 1 pc. VZ 8523, 1 pc. CT 53 HT, 1 pc. CK 300, 1 pc. VZ 8601, 1 pc. VZ 8604, 1 pc. VZ 8606, 1 pc. 8610, 1 pc. VZ 8630, 1 pc. VZ 8571, 1 pc. 8551, 1 pc. 8552	1056516
AVS 370 Module 2	**Module 2 - Polymer 2 (230V)** Scope of delivery: AVS 370 Basic unit, 1 pc. VZ 8511, 2 pcs. AVS/SK, 2 pcs. VZ 8523, 1 pc. CT 53 HT, 1 pc. CK 300, 1 pc. VZ 8601, 2 pcs. VZ 8604, 2 pcs. VZ 8606, 1 pc. 8610, 1 pc. VZ 8630, 1 pc. VZ 8571, 2 pcs. 8551, 2 pcs. 8552	1056517
AVS 370 OPT	**Basic unit for opto electronical detection; multiple power version** (95V ... 230V) Scope of delivery: AVS 370 basic unit, 1 pc. ViscoPump II, Datacable VZ 7116 and PC software WinVisco 370	1056509
AVS 370 TC	**Basic unit for thermal detection; multiple power version** Scope of delivery: AVS 370 basic unit, 1 pc. ViscoPump II, Datacable VZ 7116 and PC software WinVisco 370	1056515

Viscometry

Accessories and spare parts for AVS 370

Type No.	Description	Ordering No.
T 110 plus, 115 V	**TITRONIC® T 110 plus** Basic unit with stand rod TZ 1510 and holder TZ 1516, titration clamp Z 303, piston extractor TZ 1513, mains cable, 115 V (without exchange unit)	1007303
T 110 plus, 230 V	**TITRONIC® T 110 plus** Basic unit with stand rod TZ 1510 and holder TZ 1516, titration clamp Z 303, piston extractor TZ 1513, mains cable, 230 V (without exchange unit)	1007302
T universal M1/50-115 V	**TITRONIC® universal** Module 1: Basic unit ready to use with 50 ml dosing unit TZ 3160 with tubes, screw threads, titration tip TZ 1503, electrode-/titration tip holder TZ 3660, stand rod TZ 3665, manual control TZ 3680, 115 V	285211979
T universal M1/50-230 V	**TITRONIC® universal** Module 1: Basic unit ready to use with 50 ml dosing unit TZ 3160 with tubes, screw threads, titration tip TZ 1503, electrode-/titration tip holder TZ 3660, stand rod TZ 3665, manual control TZ 3680, 230 V	285212445
TA 50 plus	**50 ml interchangeable unit** with brown UV-protection coat, brown glass bottle for titrant, GL 45 and S 40-bottle adapter, hoses, drip tube and titration tip	285211062
TA 50 V	**50 ml interchangeable unit for aggressive liquids** with brown UV-protection coat, brown glass bottle for titrant, hoses, drip tube and titration tip	285413984
TZ 1513	**Piston extraction tool** simplifies piston assembly	285214216
TZ 3000	**Automatic 3-way-valve** for interchangeable units TA 05 plus ... TA 50 plus and TITRONIC universal	285223007
TZ 3084	**RS-232-C data cable** AVS 370 <-> T 110 plus	1007974
TZ 3087	**RS-232-C data cable** AVS 370 <-> T-Universal	1007976
VZ 3079	**Connection cap** Pressure, Silicon, red, Øi 9 mm	285414048
VZ 5101	**Connection cap Venting** Silicon, black, Øi 4,5 mm	285410519
VZ 5102	**Connection cap, vacuum** Silicon, red, Øi 4,5 mm	285410527
VZ 5103	**Connection cap, pressure** Silicon, red, Øi 7 mm	285250653
VZ 5379	**Waste bottle** 2000 ml, clear, with NS 29	285412363
VZ 5391	**Connection pieces** PCTFE with M 10 thread (viscometer <-> ventilation connection)	285411991

Viscometry

Accessories and spare parts for AVS 370

Type No.	Description	Ordering No.
VZ 5392	**Connection pieces** PCTFE with M 14 thread (viscometer <-> capillary connection)	285411983
VZ 5524	**Swivel nut** Mat.: PPS with M 10 thread for VZ 5391	285411926
VZ 5525	**Swivel nut** Mat.: PPS with M 14 thread for VZ 5392	285411918
VZ 5858	**PC software** PC software for automatic dilution series	285413002
VZ 5932	**Holging strap for TC viscometers** (incl. Mounting devices for filling funnel and safety bottle)	285413865
VZ 6240	**Bottle adapter** with M10 thread for waste bottle with NS 29 (e.g. VZ 5379)	285411486
VZ 6280	**PTFE suction tube** Øi 2 mm (viscometer <-> waste bottle)	285411872
VZ 6281	**PTFE suction tube** Øi 3 mm (viscometer <-> waste bottle)	285411889
VZ 6282	**PTFE suction tube** Øi 1 mm (viscometer <-> waste bottle)	285411897
VZ 6283	**PTFE suction tube** Øi 2.5 mm (viscometer <-> waste bottle)	285411831
VZ 6286	**PTFE suction tube** Øi 1,5 mm (viscometer <-> waste bottle)	285411729
VZ 7021	**Safety bottle** with glass threads	285420269
VZ 7022	**Safety bottle** without glass threads	285420277
VZ 7050	**O-ring-seals, FKM (Viton)** for viscometer connection fittings, pack contains: 1 O-ring for capillary- and venting tube of the viscometer	285420552
VZ 7051	**O-ring-seals, EPDM (Buna)** for viscometer connection fittings, pack contains: 1 O-ring for capillary- and venting tube of the viscometer	285420569
VZ 7052	**O-ring-seals, NBR (Perbunan)** for viscometer connection fittings, pack contains: 1 O-ring for capillary- and venting tube of the viscometer	285420577
VZ 7053	**O-ring seals, 8,3 x 2,4 mm** (suitable for VZ 5392, for capillary tube of DIN-/ and ASTM-Ubbelohde viscometers), suitable for all "non flourided" solvents!	285420585

Viscometry

Accessories and spare parts for AVS 370

Type No.	Description	Ordering No.
VZ 7054	**O-ring seals, 7,0 x 3,0 mm** (suitable for VZ 5392, for capillary tube of DIN Micro-Ubbelohde viscometers), suitable for all "non flourided" solvents!	285420593
VZ 7055	**O-ring seals, 5,3 x 1,8 mm** (suitable for VZ 5391, for venting tube), suitable for all "non flourided" solvents!	285420606
VZ 7110	**Connecting cable** for optical sensing	285421154
VZ 7111	**Connecting cable** for TC sensing	285421162
VZ 7115	**RS-232-C data cable** ViscoPump <->ViscoPump. Attention: Must be ordered separately!	285421208
VZ 7116	**RS-232-C data cable** ViscoPump <-> PC. Attention: Must be ordered separately!	285421216
VZ 7150	**Aerosol filter with suitableacuum tube** connection between vacuum pump and both waste bottles	285421557
VZ 8501	**AVS 370 extension set for optical detection from measuring position 5 to 8**	1062836
VZ 8511	**ViscoPump II for optical detection** Scope of delivery: Connection cable for measuring stand, tube holder VZ 5127 and holder for safety bottle	1054306
VZ 8512	**ViscoPump II for thermal detection** Scope of delivery: Connection cable for TC viscometers	1054304
VZ 8521	**PTFE tubing set, pressure** øi 1,5 mm, suitable to thermostat type: CT 53 und CT 54	1060767
VZ 8522	**Silicon tubing set, pressure** øi 2 mm, suitable to thermostat type: CT 53 und CT 54	1058420
VZ 8523	**PTFE tubing set, vacuum** øi 1,5 mm, suitable to thermostat type: CT 53 und CT 54	1057648
VZ 8524	**PTFE tubing set, vacuum for aggressive media** øi 1,5 mm, suitable to thermostat type: CT 53 und CT 54	1057880
VZ 8525	**Silicon tubing set, vacuum** øi 2 mm, suitable to thermostat type: CT 53 und CT 54	1057673
VZ 8551	**Safety device for waste bottle** (Balance)	1054112
VZ 8552	**Safety device for vacuum line** (Capacitive sensor for safety bottle)	1054303
VZ 8571	**Housing support for CT 54**	1057903

Viscometry

Accessories and spare parts for AVS 370

Type No.	Description	Ordering No.
VZ 8601	**Discharge set with 2 fold valve block** (incl. mounting devices and 2 solenoid valves)	1063702
VZ 8602	**Discharge set with 4 fold valve block** (incl. mounting devices and 4 solenoid valves)	1063704
VZ 8603	**Funnel of Duran, Ø 50 mm** Packing size: 10 pcs.	1064721
VZ 8604	**Sample filling set** (Funnel with 2 rinsing connections, filling tube, funnel VZ 8603, sealing cap VZ 8605 and adapter)	1061389
VZ 8606	**Waste basic set** (Tubes VZ 8608 and VZ 8609, 2.000 ml waste bottle, bottle top VZ 6240 and PTFE cuff with NS 29)	1063833
VZ 8608	**PTFE connection tube** Waste valve block <-> Viscometer	1060765
VZ 8609	**PTFE connection tube** Waste valve block <-> Waste bottle	1060766
VZ 8610	**PTFE connection tube, 0,7 m long** Vacuum pump <-> Waste valve block	1065996
VZ 8617	**Buckling protctor for 6 mm PTFE tubes**	1066121
VZ 8622	**PTFE connection tube** Sample filling funnel <-> Viscometer	1058398
VZ 8630	**Vacuum pump for AVS 370 rinsing and waste system** Version: 230V/50Hz	1057901
VZ 8631	**Vacuum pump for AVS 370 rinsing and waste system** Version: 115V/60Hz	1057902
VZ 8633	**Funnel of PP, Ø approx. 50 mm** Packing size: 24 pcs.	1066120

Viscometry

ViscoSystem® - AVS 470

Type No.	Description	Ordering No.
AVS 470 Module 1	**Module 1 - Polymer 1 (230V)** Scope of delivery: AVS 470 Basic unit, 1 pc. AVS/S, 1 pc. CT 52	285415712
AVS 470 OPT	**Basic unit for optical detection** (95V ... 230V) incl. 1pc. ViscoPump II and mini keyboard	285415709
AVS 470 TC	**Basic unit for TC detection** (95V ... 230V) incl. 1pc. ViscoPump II and mini keyboard	285415708

Viscometry

Accessories and spare parts for AVS 470

Type No.	Description	Ordering No.
TZ 2835	**PC-keyboard** for AVS 470	1007852
VZ 6248	**Printer paper** 5 rolls	285411564
VZ 6249	**Ink ribbon** 1 piece	285411572
VZ 8511	**ViscoPump II for optical detection** Scope of delivery: Connection cable for measuring stand, tube holder VZ 5127 and holder for safety bottle	1054306
VZ 8512	**ViscoPump II for thermal detection** Scope of delivery: Connection cable for TC viscometers	1054304
Z 900	**RS-232-C printer** 100-240 V, thermo printer for TitroLine easy, TitroLine KF, TitroLine KF trace and AVS 470, incl. cable TZ 3090	285225620
Z 905	**Thermal paper for Z 900** with very high durability (5 rolls)	285225630

Viscometry

Sampling system AVSPro II

Type No.	Description	Ordering No.
AVSPro II	**Autosampling system, basic unit** Sample Transfer, rinsing, filling and discharging of viscometers works automaticly. Depending on configuration 16 (100 ml bottles) or 56 (20 ml sample vials) can be used. The readins and calculations will be operated by a PC.	285420016
AVSPro II M1	**Autosampling system, Modul I** scope of delivery: basic unit, 2x VZ7024, 2x VZ8511, 2x AVS/SK,1x VZ7160, 1x VZ7142, 1x VZ7144, 1x VZ7017, 1x VZ7193, 1x VZ7181, 1x VZ7117, 1x VZ7116, 1x VZ7150, 1x VZ7162, 1x VZ7119, 1x VZ7004, 1x VZ7250, 1x VZ7044, 2x VZ7016, 1x VZ7199	285420020

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
053 92	**Bracket** Stainless steel, for all Ubbelohde viscometers	285405043
053 93	**Bracket** Stainless steel, for all TC viscometers	285405035
AVS/S	**Measuring stand anodised aluminium** for use with capillary viscometers of type: 501 .., 516 .., 517 .., 518 .., 525 .., 526 .., 530 .., 532 .., 536 .., 537 .., 538 .., 540 .. and 541 .. in thermostatic baths from -80 to +80°C.	285410502
AVS/SK	**as AVS/S** however, made of PVDF-plastic, temperature range from 0°C to +80°C	285410876
CK 300, 115V	**Flow Trough Cooler** Version: 115 V/50-60 Hz (technical description like 230 V version)	285414331
CK 300, 230V	**Flow Trough Cooler** Version: 230 V/50-60 Hz, if a more constant bath liquid is required (depending on instrument configuration and ambient temperature of the instruments (±0,02 K is possible) or if measurements are to be made at or below room temperature (down to +5°C).	285414348
CK 310, 115V	**Flow through cooler** Version: 115V/50-60Hz in stainless steel version	285414310
CK 310, 230V	**Flow through cooler** Version: 230V/50-60Hz in stainless steel version	285414320
CT 53 HT, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature +5°C to +150°C, stainless steel container with sheet steel housing and thermal insulation for up to 2 AVS/S measuring positions or 4 micro TC-viscosimeters, heater with Pt 100-PID control	285418428
CT 53 HT, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature +5°C to +150°C, stainless steel container with sheet steel housing and thermal insulation for up to two measuring positions or 4 micro TC-viscosimeters, heater with Pt 100-PID control	285418436
CT 54, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature +10°C to +100°C, stainless steel container with sheet steel housing and thermal insulation for up to four measuring positions, heater with Pt 100-PID control	285418255
CT 54, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature +10°C to +100°C, stainless steel container with sheet steel housing and thermal insulation for up to four measuring positions, heater with Pt 100-PID control	285418296
VZ 5101	**Connection cap Venting** Silicon, black, Øi 4,5 mm	285410519
VZ 5102	**Connection cap, vacuum** Silicon, red, Øi 4,5 mm	285410527
VZ 5215	**Back light for AVSPro thermostat (115V version)**	285415730

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 5220	**Back light for AVSPro thermostat (230V version)**	285415720
VZ 5391	**Connection pieces** PCTFE with M 10 thread (viscometer <-> ventilation connection)	285411991
VZ 5392	**Connection pieces** PCTFE with M 14 thread (viscometer <-> capillary connection)	285411983
VZ 5524	**Swivel nut** Mat.: PPS with M 10 thread for VZ 5391	285411926
VZ 5525	**Swivel nut** Mat.: PPS with M 14 thread for VZ 5392	285411918
VZ 7000	**Controling system with printer** Scope of delivery: PC, flat screen, CD-ROM drive, PS2 mouse, printer, two RS-232-C connections, software system: Windows XP german	285420055
VZ 7002	**Controling system with printer** Scope of delivery: PC, flat screen, CD-ROM drive, PS2 mouse, printer, two RS-232-C connections, software system: Windows XP english	285420045
VZ 7003	**Insert frame for ViscoPump** for max. 4 positions (incl. required connection cable)	285420088
VZ 7004	**Sample racks for AVSPro** Sample rack (not heatable) for 16 bottles with 100 ml, up to Ø 55 mm (e.g. VZ 7080, VZ 7081)	285420096
VZ 7005	**Sample racks for AVSPro** Sample rack (not heatable) for 56 vials with 20 ml, up to Ø 18 mm, GL 18, (e.g. VZ 7082).	285420109
VZ 7010	**PTFE tubing set Øi 1,5 mm** suitable for thermostate type: CT 53 and CT 1650/4 For viscometers of type series: 501 .., 525 .., 526 .., 530 .., 532 .., 536 .., 537 .., 538 .., 552 .. and 554 .. .	285420158
VZ 7011	**Silicon tubing set Øi 2 mm** suitable for thermostate type: CT 53. For viscometers of type series: 501 .., 525 .., 526 .., 530 .., 532 .., 536 .., 537 .., 538 .., 552 .. and 554 .. .	285420166
VZ 7012	**PTFE connection tube** capillary <-> ViscoPump incl. safety bottle VZ 7021 and connector fittings	285420174
VZ 7013	**PTFE connection tube** venting tube <-> ViscoPump (accessory for installation with thermostate type CT 53)	285420182
VZ 7014	**PTFE discharge tube** viscometer <-> discharge valve Øi 1.5 mm, incl. connector fittings	285420199
VZ 7015	**PTFE discharge tube** viscometer <-> discharge valve Øi 2 mm, incl. connector fittings	285420203
VZ 7016	**PTFE discharge tube** viscometer <-> discharge valve Øi 3 mm, incl. connector fittings	285420211

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 7017	**PTFE connection tube** discharge valve <-> waste bottle	285420228
VZ 7019	**Silicon connection tube** capillary <-> ViscoPump	285420244
VZ 7020	**Silicon connection tube** venting tube <-> ViscoPump incl. silicon connector fittings	285420252
VZ 7021	**Safety bottle** with glass threads	285420269
VZ 7022	**Safety bottle** without glass threads	285420277
VZ 7024	**PTFE filling tube** docking station <-> viscometer Øi 3 mm, incl. connector fittings	285420293
VZ 7025	**PTFE connection tube** venting tube <-> ViscoPump (accessory for installation with thermostate type CT 1650/4)	285420306
VZ 7027	**PTFE connection tube** safety bottle <-> ViscoPump	285420322
VZ 7028	**Silicon connection tube** safety bottle <-> ViscoPump	285420339
VZ 7030	**Dosing module** glass cylinder with PTFE piston and neadle connection	285420355
VZ 7031	**Dosing drive module** incl. motor and gear belt	285420363
VZ 7032	**Micro dosing module** glass cylinder with PTFE piston and needle adapter	285420371
VZ 7033	**Micro dosing drive** (incl. motor and gear belt)	1066375
VZ 7035	**Glass sleeve** for sample detection	8250401
VZ 7042	**Ventilator** (must be changed in pair)	285420474
VZ 7043	**Sample neadle, stainless steel** (Hastelloy C4) Øi 1 mm	285420482
VZ 7044	**Sample neadle, stainless steel** (Hastelloy C4) Øi 2 mm	285420499
VZ 7045	**Sample neadle, stainless steel** (Hastelloy C4) Øi 3 mm	285420503

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 7046	**PC-Software** All language version	285420511
VZ 7050	**O-ring-seals, FKM (Viton)** for viscometer connection fittings, pack contains: 1 O-ring for capillary- and venting tube of the viscometer	285420552
VZ 7051	**O-ring-seals, EPDM (Buna)** for viscometer connection fittings, pack contains: 1 O-ring for capillary- and venting tube of the viscometer	285420569
VZ 7052	**O-ring-seals, NBR (Perbunan)** for viscometer connection fittings, pack contains: 1 O-ring for capillary- and venting tube of the viscometer	285420577
VZ 7053	**O-ring seals, 8,3 x 2,4 mm** (suitable for VZ 5392, for capillary tube of DIN-/ and ASTM-Ubbelohde viscometers), suitable for all "non flourided" solvents!	285420585
VZ 7054	**O-ring seals, 7,0 x 3,0 mm** (suitable for VZ 5392, for capillary tube of DIN Micro-Ubbelohde viscometers), suitable for all "non flourided" solvents!	285420593
VZ 7055	**O-ring seals, 5,3 x 1,8 mm** (suitable for VZ 5391, for venting tube), suitable for all "non flourided" solvents!	285420606
VZ 7056	**O-ring seals for docking station, 2,57 x 1,78 mm** (suitable for VZ 7130), suitable for all "non flourided" solvents!	285420614
VZ 7063	**Gear belt for Y-axis** (sample rack-drive)	6030469
VZ 7065	**Power supply, 24 V, 12 A,** 90 to 240 V (AC)	285420709
VZ 7066	**SPS-controlling module** (preprogrammed)	285420717
VZ 7067	**Motor controlling insert (3 phase)** for vertical and horizonal drive	285420725
VZ 7068	**Motor controlling insert (2 phase)** for dosing module drive	285420733
VZ 7070	**ProClean - Startset** Scope of delivery: 20 pcs. VZ 7071, 200 pcs. VZ 7072, 1 pcs. VZ 7073, 1 pcs. VZ 7074, 1 pcs. VZ 7075, 1 pcs. VZ 7076	1017756
VZ 7071	**Filter adapter** from polypropylene, 10 pcs.	1017757
VZ 7072	**Multiple-way filter** from polyethylene for ProClean, long style, 100 pcs.	1017758

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 7073	**Sample needle** for ProClean	1017759
VZ 7074	**Pressure spring** for VZ 7073	1017830
VZ 7075	**PTFE washer** for VZ 7073	1017832
VZ 7076	**O-ring** Kalrez O-ring for VZ 7073	1017833
VZ 7078	**Multiple-way filter** from polyethylene for ProClean, short style, 100 pcs.	1018284
VZ 7080	**100 ml sample bottles with NS 29** incl. plastic stoppers (10 pieces)	285420852
VZ 7081	**100 ml sample bottles with GL 45** incl. screw closure (10 pieces)	285420869
VZ 7083	**Screw closures GL 45** spare part for VZ 7081 (10 pieces)	285420885
VZ 7084	**Screw closures GL 18** spare part for VZ 7082 and VZ 7086 (100 pieces)	285420893
VZ 7085	**Plastic stoppers** spare part for VZ 7080 (10 pieces)	285420906
VZ 7086	**20 ml sample vials with GL 18** incl. screw closure (88 pieces)	285420914
VZ 7100	**Control thermometer** for 20°C applications can be calibrated, measuring range +19 to +21°C, graduation 1/100°C (shorted version, suitable for CT 53 and CT 54)	285421051
VZ 7101	**Control thermometer** for 25°C application can be calibrated, measuring range +24 to +26°C, graduation 1/100°C (shorted version, suitable for CT 53 and CT 54)	285421068
VZ 7102	**Control thermometers** for 30°C application can be calibrated, measuring range +29 to +31°C, graduation 1/100°C (shorted version, suitable for CT 53 and CT 54)	285421076
VZ 7103	**Control thermometers** for 40°C application can be calibrated, measuring range +39 to +41°C, graduation 1/100°C (shorted version, suitable for CT 53 and CT 54)	285421084
VZ 7104	**Control thermometers** for 100°C application can be calibrated, measuring range +99 to +101°C, graduation 1/100°C (shorted version, suitable for CT 53 and CT 54)	285421092

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 7105	**Control thermometers** for 135°C application can be calibrated, measuring range +134 to +136°C, graduation 1/100°C (shorted version, suitable for CT 53 and CT 54)	285421105
VZ 7110	**Connecting cable** for optical sensing	285421154
VZ 7111	**Connecting cable** for TC sensing	285421162
VZ 7114	**Connecting cable (insert frame VZ 7003 <-> insert frame VZ 7003)** This connection cable is required for arrangements with more than 4 measuring positions.	285421195
VZ 7115	**RS-232-C data cable** ViscoPump <->ViscoPump. Attention: Must be ordered separately!	285421208
VZ 7116	**RS-232-C data cable** ViscoPump <-> PC. Attention: Must be ordered separately!	285421216
VZ 7117	**RS-232-C data cable** SPS controller <-> PC. Attention: Must be ordered separately!	285421224
VZ 7119	**RS-232-C data cable** CT 53 <-> ViscoPump Attention: Must be ordered separately!	285421249
VZ 7121	**Silicon connection tube** capillary <-> safety bottle (accessory for VZ 7026 in combination with CT 1650/4)	285421265
VZ 7122	**Silicon connection tube** safety bottle <-> ViscoPump (accessory for VZ 7026 in combination with CT 1650/4)	285421273
VZ 7123	**Silicon connection tube** venting tube <-> ViscoPump (accessory for VZ 7026 in combination with CT 1650/4)	285421281
VZ 7129	**Drying kit for viscometer connections**	285415711
VZ 7130	**Docking station, for sample neadles with Ø 3 mm** Attention! Each measuring position requires one set.	285421351
VZ 7132	**Filter for docking station** complete with 1 pc. Filter	285421376
VZ 7133	**Spare filter for VZ 7132** (without housing) scope of delivery: 10 pcs.	285421384
VZ 7134	**Docking station, for sample neadles with Ø 3 mm** Attention! Each measuring position requires one set. Specialy suitable for corrosive media! Material: Hastelloy C4	285421392
VZ 7135	**Washing station** complete with VZ 7136 and VZ 7137	285421405
VZ 7136	**Sample needle Ø 2mm** with O-ring for rinsing station VZ 7135	285421413

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 7137	**Suction tubing set** for rinsing station VZ 7135	285421421
VZ 7138	**Waste station** complete with VZ 7139 and docking station VZ 7130	285421438
VZ 7139	**Waste bottle** 2000 ml (incl. connection tube to VZ 7130)	285421446
VZ 7142	**Waste bottle** 5000 ml	285421479
VZ 7144	**Adapter for waste bottle VZ 7142** For all media!	285421495
VZ 7146	**Magnetic valve for aggressive media** (with PTFE-valve body and -valve membrane)	285421516
VZ 7148	**Control box** for vacuum pump VZ 8630	285415185
VZ 7150	**Aerosol filter with suitableacuum tube** connection between vacuum pump and both waste bottles	285421557
VZ 7160	**Magnetic valve extention set for waste line** For aggressive media! Attention: For each measuring position one of these sets is required. Scope of delivery: required magnetic valve with all necessary tubes and connections to extend the measuring system.	285421651
VZ 7161	**Magnetic valve extention set for waste line** For mineral oil products! Attention: For each measuring position one of these sets is required. Scope of delivery: required magnetic valve with all necessary tubes and connections to extend the measuring system.	285421668
VZ 7162	**Magnetic valve basic set for waste line** For aggressive media! Attention: For each measuring position >1 one of these sets is required. Scope of delivery: reqired valve support for 4 magnetic valves, incl. connectors and cable to ViscoPump.	285421676
VZ 7163	**Magnetic valve basic set for waste line** For mineral oil products! Attention: For each measuring position >1 one of these sets is required. Scope of delivery: reqired valve support for 4 magnetic valves, incl. connectors and cable to ViscoPump.	285421684
VZ 7164	**Connection cable for sundry waste valves**	285421692
VZ 7181	**Operating front** for 1 pc. CT 53 (st. Steel/orange), Attention! The front cover must be ordered seperately in accordance to thermostatic equipment.	285421865
VZ 7182	**Operating front** for 2 pcs. CT 53 (st. Steel/orange). Attention! The front cover must be ordered seperately in accordance to thermostatic equipment.	285421873

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 7183	**Bath container front cover** for 2 pcs. CT 53 (blue)	285421881
VZ 7185	**Top covers** (for installing docking and rinsing stations) for thermostates CT 53 and CT 54 "with non corrosive surface", are available on request as special production	285421902
VZ 7186	**Bath container front cover** for 1 pc. CT 53 (blue)	285421919
VZ 7187	**Bath container front cover** for 1 pc. CT 54 (blue)	285421927
VZ 7193	**Diffusor-Scheibe** for CT 53 thermostat bath illumination	285421984
VZ 7197	**Gear belt for X-/ and Z-drive of AVSPro** X = 2,5 m, Z = 1 m (the price is per meter)	285415740
VZ 7199	**AVSPro sensor box** For connecting VZ 8552	285415710
VZ 7206	**Control box** for thermal block, 230 V/50 Hz version	285422118
VZ 7208	**Control box** for thermal block, 115 V/60 Hz version	285422134
VZ 7210	**PTFE tubung set** for high aggressive media, suitable to thermostate type: CT 53	285422159
VZ 7211	**PTFE connection tube, venting** Absorbing filter <-> ViscoPump, suitable to VZ 7210	285422167
VZ 7212	**PTFE connection tube, suction** Absorbing filter <-> ViscoPump, suitable to VZ 7210	285422175
VZ 7213	**PTFE connection tube** Absorbing filter <-> venting tube, suitable to VZ 7210	285422183
VZ 7214	**PTFE connection tube** absorbing filter <-> safety bottle, suitable to VZ 7210	285422191
VZ 7215	**Absorbing filter** suitable to VZ 7210	285422204
VZ 7216	**Absorbing filter with charcoal** suitable to VZ 7210	285422215
VZ 7250	**AVSPro transportation packing** Returning the packing inside the EU without freight charges, complete and undamaged, 2/3 of the package costs will be returned.	285422553
VZ 8503	**PC-Software WinVisco 370** All language version	1070562

Viscometry

Accessories and spare parts for AVSPro

Type No.	Description	Ordering No.
VZ 8511	**ViscoPump II for optical detection** Scope of delivery: Connection cable for measuring stand, tube holder VZ 5127 and holder for safety bottle	1054306
VZ 8512	**ViscoPump II for thermal detection** Scope of delivery: Connection cable for TC viscometers	1054304
VZ 8630	**Vacuum pump** Version: 230V/50Hz	1057901
VZ 8631	**Vacuum pump** Version: 115V/60Hz	1057902

Viscometry

Accessories and spare parts for AVS 350, 360, 410 and 450

Type No.	Description	Ordering No.
TZ 1562	**Thermo-sensitive paper for printer** 6 rolls, for AVS 400 and 440	285214179
VZ 5114	**Safety bottle** without thread between suction pump and capillary	285410638
VZ 5501	**PTFE-tubing set** Øi 2 mm, for AVS 310, 350 and 450, scope of delivery: ventilation and pressure tube approx. 1.3 m long	285414972
VZ 5606	**Silicon tube/cable set** to connect TC- viscometers with connection threads to viscosity measuring units AVS 310, 350 and 450. Scope of delivery: Pressure, ventilation and connecting cable for TC-viscometer.	285413462
VZ 5621	**Extension set for suction devices** for tube/cable set VZ 5505. The standard tube set is supplemented by a safety bottle etc. so that an AVS 360 can be connected.	285414812
VZ 5622	**PTFE tube/cable set** for connection to viscometers of type: 517 .., 520 .., 530 .., 532 .., 537 .., 538 .., 547 .., 548 .. and 549 .. to a viscosity measuring unit AVS 360.	285414829
VZ 5624	**Suction set, for ViscoPump VZ 5625, VZ 5655 and VZ 5665** Scope of delivery: Tube holder VZ 5127, waste bottle VZ 5379, bottle adapter VZ 6240, suction tube VZ 6280, suction tube 39571 and filling tube 39472	285414845
VZ 5648	**Thermo-sensitive paper for printer** 6 rolls, for AVS 410 and 450	285414989
VZ 5655	**LabPump** 230 V version, incl. Foot switch	1040755
VZ 5665	**LabPump** 115 V version, incl. Foot switch	1040757
VZ 5857	**Tube set** for dilution viscometry for AVS 310, 350, 450 and AVS 20, Scope of delivery: Silicon ventilation and pressure tube as well as a Y-piece and PTFE filling tube.	285412996
VZ 5858	**PC software** PC software for automatic dilution series	285413002
VZ 6235	**Filter bottle with glass wool filling** with thread M 10 protects pump against fumes, bottle located in suction circuit	285411437
VZ 6245	**Overflow protection** for safety bottle (capacitative sensor)	285411531
VZ 6255	**Filter bottle as VZ 6235** with screw connection GL 32 and M 10 connection thread (bottle can be opened to change filter material)	285411704

Viscometry

Accessories and spare parts for AVS 24 and AVS 26

Type No.	Description	Ordering No.
VZ 5901	**PTFE tubing set** to connect an AVS 310, 350 and 450 to the AVS 24/26 automatic viscometer cleaners.	285413849
VZ 5911	**PTFE tubing set** waste circulation, 2 m long	285413754
VZ 5912	**PTFE tubing set** solvent circulation, 2 m long	285413762
VZ 5913	**PTFE tubing set** automatic viscometer cleaner <-> viscometer	285413779
VZ 5914	**Tube/cable combination 0,8 m long** required for connection of automatic viscometer cleaner to viscosity measuring unit	285413787
VZ 5915	**PTFE suction tube with Luer-lock-connection** for automatic intake of sample	285413795
VZ 5921	**PTFE tubing set** extension for waste circulation, 4 m long	285413808
VZ 5922	**PTFE tubing set** extension for solvent circulation, 4 m long	285413816
VZ 5934	**Metal filter** for solvent suction tube	285413832
VZ 5935	**Bottle set, for solvent and waste circulation** Scope of delivery: 2 pcs. bottle 2000 ml, 1 pcs. bottle 5000 ml, coated, with GL 45 bottle adapter for connection to the automatic viscometer cleaner tubes as well as 2 pcs. suction tube with filter.	285411761
VZ 5954	**External solenoid valve** for AVS 26	285417542

Viscometry

Glass pannelled thermostats

Type No.	Description	Ordering No.
CK 310, 115V	**Flow through cooler** Version: 115V/50-60Hz in stainless steel version	285414310
CK 310, 230V	**Flow through cooler** Version: 230V/50-60Hz in stainless steel version	285414320
CT 52, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature +10°C to +60°C, acrylic glass container for up to 2 measuring points, heater with Pt 100-PID control	285418239
CT 52, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature +10°C to +60°C, acrylic glass container for up to 2 measuring points, heater with Pt 100-PID control	285418247
CT 53 - M, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature +10°C to +100°C, stainless steel container with sheet steel housing and thermal insulation for up to two measuring positions, heater with Pt 100-PID control, supplied with 2 magnetic stirrer positions	285418469
CT 53 - M, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature +10°C to +100°C, stainless steel container with sheet steel housing and thermal insulation for up to two measuring positions, heater with Pt 100-PID control, supplied with 2 magnetic stirrer positions	285418477
CT 53 HT, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature +5°C to +150°C, stainless steel container with sheet steel housing and thermal insulation for up to 2 AVS/S measuring positions or 4 micro TC-viscosimeters, heater with Pt 100-PID control	285418428
CT 53 HT, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature +5°C to +150°C, stainless steel container with sheet steel housing and thermal insulation for up to two measuring positions or 4 micro TC-viscosimeters, heater with Pt 100-PID control	285418436
CT 53 TT, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature -40°C bis +100°C, stainless steel container with sheet steel housing and thermal insulation for up to 2 AVS/S measuring positions or 4 micro TC-viscosimeters, heater with Pt 100-PID control	285418444
CT 53 TT, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature -40°C bis +100°C, stainless steel container with sheet steel housing and thermal insulation for up to 2 AVS/S measuring positions or 4 micro TC-viscosimeters, heater with Pt 100-PID control	285418452
CT 54, 115V	**Glass Panelled Thermostatic Bath** Version: 115 V/60 Hz, working temperature +10°C to +100°C, stainless steel container with sheet steel housing and thermal insulation for up to four measuring positions, heater with Pt 100-PID control	285418255
CT 54, 230V	**Glass Panelled Thermostatic Bath** Version: 230 V/50 Hz, working temperature +10°C to +100°C, stainless steel container with sheet steel housing and thermal insulation for up to four measuring positions, heater with Pt 100-PID control	285418296
VZ 5210	**CT 52 replacement set for CT 62 thermostatic bath** Scope of delivery: Circulator head, adapter plate and cooling devices	1007628

Viscometry

Glass pannelled thermostats

Type No.	Description	Ordering No.
VZ 5211	**CT 52 replacement set for CT 62 thermostatic bath** Scope of delivery: Circulator head, adapter plate, cooling devices and cover plate for thermostatic bath	1007620
VZ 5212	**Acrylic bath tank for CT 52** (without cover plate)	285414395
VZ 5402	**Hand measuring insert for thermostat** for thermostate type: CT 53 and CT 54	285415171

Viscometry

Measuring stands

Type No.	Description	Ordering No.
AVS/HT	**as AVS/S** however for use in temperature range -80°C to +200°C	285410954
AVS/S	**Measuring stand anodised aluminium** for use with capillary viscometers of type: 501 .., 516 .., 517 .., 518 .., 525 .., 526 .., 530 .., 532 .., 536 .., 537 .., 538 .., 540 .. and 541 .. in thermostatic baths from -80 to +80°C.	285410502
AVS/SK	**as AVS/S** however, made of PVDF-plastic, temperature range from 0°C to +80°C	285410876
AVS/SK-CF	**as AVS/SK** suitable for use with Cannon-Fenske-Routine viscometers	285410892
AVS/SK-HV	**as AVS/SK** suitable for viscometers type: 502 ..	285410946
AVS/SK-V	**as AVS/SK** suitable for use with dilution viscometers	285410905

Viscometry

Accessories and spare parts for measuring stands and viscometers

Type No.	Description	Ordering No.
053 92	**Bracket** Stainless steel, for all Ubbelohde viscometers	285405043
053 93	**Bracket** Stainless steel, for all TC viscometers	285405035
053 96	**Bracket** Stainless steel, for all reverse-flow viscometers	285405019
053 97	**Bracket** Stainless steel, for Micro-Ostwald viscometers	285405027
064 99	**Holder for Cannon-Fenske and Ostwald viscometers** for manual measurements	285405105
065 99	**Cannon-Fenske-Routine conversion kit** for measuring stands of types AVS/S and AVS/SK, Scope of delivery: PTFE-adapter ring, viscometer holding clip and clamping screw.	285405113
VZ 3079	**Connection cap** Pressure, Silicon, red, Øi 9 mm	285414048
VZ 5101	**Connection cap Venting** Silicon, black, Øi 4,5 mm	285410519
VZ 5102	**Connection cap, vacuum** Silicon, red, Øi 4,5 mm	285410527
VZ 5103	**Connection cap, pressure** Silicon, red, Øi 7 mm	285250653
VZ 5127	**Tube holder** to be fastened to measuring stand, for attaching PTFE tubes	285410913
VZ 5505	**Silicon tube/cable combination** included with AVS/S and AVS/SK, to connect viscometers of type: 517 .., 520 .., 530 .., 532 .., 537 .., 538 .., 547 .., 548 ..and 549 .. to a AVS 310, 350 and 450	285414031
VZ 5854	**Retrofit kit AVS-stands** for use with dilution viscometry	285413043

Viscometry

Temperature stabilization jackets

Type No.	Description	Ordering No.
072 34	**Quick release closure** NW 60	285405549
225 34	**O-Ring, NW 60** made of silicon	285405532
228 11	**Silicon ring** d/D=4/10 mm for 238 00	285405808
228 14	**Silicon ring** d/D=6/16 mm for 238 00 and 239 00	285405816
228 16	**Silicon ring** d/D=8/16 mm for 238 00 and 239 00	285405824
228 17	**Silicon ring** d/D=10/16 mm for 238 00 and 239 00	285405832
238 00	**Support plate for 577 01** with 4 pcs. silicon rings (4, 6, 8 and 10 mm)	285405524
577 00	**Temperature stabilization jacket** for temperature stabilization of Ubbelohde viscometers with circulation thermostats in temperature range 0°C to +180°C. Scope of delivery: Temperature stabilizing jacket, support plate and quick release closure NW 60	285405508
577 01	**Temperature stabilization jacket** straight (only glass ware)	285405516

Viscometry

Service

Type No.	Description	Ordering No.
	Additional marking of the viscometer constant	285458094
	Calibration certificate for mercury thermometers	8409118
	Calibration I by the german calibration service	8409023
	Calibration II by the german calibration service	8409031
	Certification per measuring position in accordance to ASTM with service contract	285441850
	Certification per measuring position in accordance to ASTM without service contract	285441860
	Certification per measuring position in accordance to DIN with service contract	285441830
	Certification per measuring position in accordance to DIN without service contract	285441840
	installation and set-up installation and set-up of a viscosity measuring unit (inside Germany), 1 day	285459214
	Maintenance service per measuring position with service contract	285441810
	Maintenance service per measuring position without service contract	285441820
	Manufacturer's certificate for viscometers	285458078
	Manufacturer's test certificate for viscometers	285458086
	Recalibration of viscometers incl. Certificate	285409123
	Travelling fare per Kilometer (incl. Driving time) with service contract	285441870
	Travelling fare per Kilometer (incl. Driving time) without service contract	285441880
	Working time per hour for repair service with service contract	285441890
	Working time per hour for repair service without service contract	285441900

Viscometry

Cannon-Fenske routine viscometers

Type No.	Description	Ordering No.
513 00	**calibrated for manual measurements** Type No. 513 00, Capillary No. 25, Constant K = 0.002	285403507
513 01	**calibrated for manual measurements** Type No. 513 01, Capillary No. 75, Constant K = 0.008	285403523
513 03	**calibrated for manual measurements** Type No. 513 03, Capillary No. 50, Constant K = 0.015	285403515
513 10	**calibrated for manual measurements** Type No. 513 10, Capillary No. 100, Constant K = 0.015	285403531
513 13	**calibrated for manual measurements** Type No. 513 13, Capillary No. 150, Constant K = 0.035	285403548
513 20	**calibrated for manual measurements** Type No. 513 20, Capillary No. 200, Constant K = 0.1	285403556
513 21	**calibrated for manual measurements** Type No. 513 21, Capillary No. 350, Constant K = 0.5	285403572
513 23	**calibrated for manual measurements** Type No. 513 23, Capillary No. 300, Constant K = 0.25	285403564
513 30	**calibrated for manual measurements** Type No. 513 30, Capillary No. 400, Constant K = 1.2	285403589
513 33	**calibrated for manual measurements** Type No. 513 33, Capillary No. 450, Constant K = 2.5	285403597
513 40	**calibrated for manual measurements** Type No. 513 40, Capillary No. 500, Constant K = 8	285403601
513 43	**calibrated for manual measurements** Type No. 513 43, Capillary No. 600, Constant K = 20	285403618
520 00	**calibrated for automatic measurements** Type No. 520 00, Capillary No. 25, Constant K = 0.002	285403704
520 01	**calibrated for automatic measurements** Type No. 520 01, Capillary No. 75, Constant K = 0.008	285403729
520 03	**calibrated for automatic measurements** Type No. 520 03, Capillary No. 50, Constant K = 0,004	285403712
520 10	**calibrated for automatic measurements** Type No. 520 10, Capillary No. 100, Constant K = 0.015	285403737
520 13	**calibrated for automatic measurements** Type No. 520 13, Capillary No. 150, Constant K = 0.035	285403745
520 20	**calibrated for automatic measurements** Type No. 520 20, Capillary No. 200, Constant K = 0.1	285403753

Viscometry

Cannon-Fenske routine viscometers

Type No.	Description	Ordering No.
520 21	**calibrated for automatic measurements** Type No. 520 21, Capillary No. 350, Constant K = 0.5	285403778
520 23	**calibrated for automatic measurements** Type No. 520 23, Capillary No. 300, Constant K = 0.25	285403761
520 30	**calibrated for automatic measurements** Type No. 520 30, Capillary No. 400, Constant K = 1.2	285403786
520 33	**calibrated for automatic measurements** Type No. 520 33, Capillary No. 450, Constant K = 2.5	285403794
520 40	**calibrated for automatic measurements** Type No. 520 40, Capillary No. 500, Constant K = 8	285403807
520 43	**calibrated for automatic measurements** Type No. 520 43, Capillary No. 600, Constant K = 20	285403815
546 00	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 00, Capillary No. 25, Constant K = 0.002	285402116
546 01	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 01, Capillary No. 75, Constant K = 0.008	285402124
546 03	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 03, Capillary No. 50, Constant K = 0.004	285402132
546 10	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 10, Capillary No. 100, Constant K = 0.015	285402149
546 13	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 13, Capillary No. 150, Constant K = 0.035	285402157
546 20	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 20, Capillary No. 200, Constant K = 0.1	285402165
546 21	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 21, Capillary No. 350, Constant K = 0.5	285402173
546 23	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 23, Capillary No. 300, Constant K = 0.25	285402181
546 30	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 30, Capillary No. 400, Constant K = 1.2	285402198

Viscometry

Cannon-Fenske routine viscometers

Type No.	Description	Ordering No.
546 33	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 33, Capillary No. 450, Constant K = 2.5	285402202
546 40	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 40, Capillary No. 500, Constant K = 8	285402219
546 43	**calibrated for automatic measurements, with filling and cleaning tubes to connect to automatic cleaners AVS 24 and AVS 26** Type No. 546 43, Capillary No. 600, Constant K = 20	285402227

Viscometry

Cannon-Fenske reverse flow viscometers

Type No.	Description	Ordering No.
511 00	**calibrated for manual measurements** Type No. 511 00, Capillary No. 25, Constant K = 0.002	285403001
511 01	**calibrated for manual measurements** Type No. 511 01, Capillary No. 75, Constant K = 0.008	285403026
511 03	**calibrated for manual measurements** Type No. 511 03, Capillary No. 50, Constant K = 0.004	285403018
511 10	**calibrated for manual measurements** Type No. 511 10, Capillary No. 100, Constant K = 0.015	285403034
511 13	**calibrated for manual measurements** Type No. 511 13, Capillary No. 150, Constant K = 0.035	285403042
511 20	**calibrated for manual measurements** Type No. 511 20, Capillary No. 200, Constant K = 0.1	285403059
511 21	**calibrated for manual measurements** Type No. 511 21, Capillary No. 350, Constant K = 0.5	285403075
511 23	**calibrated for manual measurements** Type No. 511 23, Capillary No. 300, Constant K = 0.25	285403067
511 30	**calibrated for manual measurements** Type No. 511 30, Capillary No. 400, Constant K = 1.2	285403083
511 33	**calibrated for manual measurements** Type No. 511 33, Capillary No. 450, Constant K = 2.5	285403091
511 40	**calibrated for manual measurements** Type No. 511 40, Capillary No. 500, Constant K = 8	285403104
511 43	**calibrated for manual measurements** Type No. 511 43, Capillary No. 600, Constant K = 20	285403112

Viscometry

Micro-Ostwald viscometers

Type No.	Description	Ordering No.
516 10	**calibrated for manual measurements** Type No. 516 10, Capillary No. I, Constant K = 0.01	285404203
516 13	**calibrated for manual measurements** Type No. 516 13, Capillary No. Ic, Constant K = 0.03	285404211
516 20	**calibrated for manual measurements** Type No. 516 20, Capillary No. II, Constant K = 0.1	285404228
516 23	**calibrated for manual measurements** Type No. 516 23, Capillary No. IIc, Constant K = 0.3	285404236
516 30	**calibrated for manual measurements** Type No. 516 30, Capillary No. III, Constant K = 1	285404244
517 10	**calibrated for automatic measurements** Type No. 517 10, Capillary No. I, Constant K = 0.01	285404306
517 13	**calibrated for automatic measurements** Type No. 517 13, Capillary No. Ic, Constant K = 0.03	285404314
517 20	**calibrated for automatic measurements** Type No. 517 20, Capillary No. II, Constant K = 0.1	285404322
517 23	**calibrated for automatic measurements** Type No. 517 23, Capillary No. IIc, Constant K = 0.3	285404339
517 30	**calibrated for automatic measurements** Type No. 517 30, Capillary No. III, Constant K = 1	285404347
518 10	**not calibrated** Type No. 518 10, Capillary No. I, Constant K = 0.01	285404409
518 13	**not calibrated** Type No. 518 13, Capillary No. Ic, Constant K = 0.03	285404417
518 20	**not calibrated** Type No. 518 20, Capillary No. II, Constant K = 0.1	285404425
518 23	**not calibrated** Type No. 518 23, Capillary No. IIc, Constant K = 0.3	285404433
518 30	**not calibrated** Type No. 518 30, Capillary No. III, Constant K = 1	285404441

Viscometry

Micro-Ubbelohde viscometers (DIN)

Type No.	Description	Ordering No.
536 10	**calibrated for manual measurements** Type No. 536 10, Capillary No. I, Constant K = 0.01	285401009
536 13	**calibrated for manual measurements** Type No. 536 13, Capillary No. Ic, Constant K = 0.03	285401017
536 20	**calibrated for manual measurements** Type No. 536 20, Capillary No. II, Constant K = 0.1	285401025
536 23	**calibrated for manual measurements** Type No. 536 23, Capillary No. IIc, Constant K = 0.3	285401033
536 30	**calibrated for manual measurements** Type No. 536 30, Capillary No. III, Constant K = 1	285401041
537 10	**calibrated for automatic measurements** Type No. 537 10, Capillary No. I, Constant K = 0.01	285401103
537 13	**calibrated for automatic measurements** Type No. 537 13, Capillary No. Ic, Constant K = 0.03	285401111
537 20	**calibrated for automatic measurements** Type No. 537 20, Capillary No. II, Constant K = 0.1	285401128
537 23	**calibrated for automatic measurements** Type No. 537 23, Capillary No. IIc, Constant K = 0.3	285401136
537 30	**calibrated for automatic measurements** Type No. 537 30, Capillary No. III, Constant K = 1	285401144
538 10	**not calibrated** Type No. 538 10, Capillary No. I, Constant K = 0.01	285401206
538 13	**not calibrated** Type No. 538 13, Capillary No. Ic, Constant K = 0.03	285401214
538 20	**not calibrated** Type No. 538 20, Capillary No. II, Constant K = 0.1	285401222
538 23	**not calibrated** Type No. 538 23, Capillary No. IIc, Constant K = 0.3	285401239
538 30	**not calibrated** Type No. 538 30, Capillary No. III, Constant K = 1	285401247

Viscometry

Micro-Ubbelohde viscometers (DIN) with TC sensor

Type No.	Description	Ordering No.
572 10	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 10, Capillary No. I, Constant K = 0.01	285423710
572 13	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 13, Capillary No. Ic, Constant K = 0.03	285423720
572 20	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 20, Capillary No. II, Constant K = 0.1	285423730
572 23	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 23, Capillary No. IIc, Constant K = 0.3	285423740
572 30	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 30, Capillary No. III, Constant K = 1	285423750
572 33	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 33, Capillary No. IIIc, Constant K = 3	285423760
572 40	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 572 40, Capillary No. IV, Constant K = 10	285423770
573 10	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 10, Capillary No. I, Constant K = 0.01	285423780
573 13	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 13, Capillary No. Ic, Constant K = 0.03	285423790
573 20	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 20, Capillary No. II, Constant K = 0.1	285423800
573 23	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 23, Capillary No. IIc, Constant K = 0.3	285423810
573 30	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 30, Capillary No. III, Constant K = 1	285423820
573 33	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 33, Capillary No. IIIc, Constant K = 3	285423830
573 40	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 572 40, Capillary No. IV, Constant K = 10	285423840

Viscometry

Micro-Ubbelohde viscometers (DIN) with TC sensor

Type No.	Description	Ordering No.
574 10	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 10, Capillary No. I, Constant K = 0.01	285423850
574 13	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 13, Capillary No. Ic, Constant K = 0.03	285423860
574 20	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 20, Capillary No. II, Constant K = 0.1	285423870
574 23	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 23, Capillary No. IIc, Constant K = 0.3	285423880
574 30	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 30, Capillary No. III, Constant K = 1	285423890
574 33	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 33, Capillary No. IIIc, Constant K = 3	285423900
574 40	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 574 40, Capillary No. IV, Constant K = 10	285423910

Viscometry

Ostwald viscometers

Type No.	Description	Ordering No.
509 03	**not calibrated, for manual measurements** Type No. 509 03, Constant K = 0.004	285404006
509 04	**not calibrated, for manual measurements** Type No. 509 04, Constant K = 0.01	285404014
509 05	**not calibrated, for manual measurements** Type No. 509 05, Constant K = 0.03	285404022
509 06	**not calibrated, for manual measurements** Type No. 509 06, Constant K = 0.07	285404039
509 07	**not calibrated, for manual measurements** Type No. 509 07, Constant K = 0.1	285404047

Viscometry

Ubbelohde viscometers (DIN)

Type No.	Description	Ordering No.
501 00	**calibrated for manual measurements** Type No. 501 00, Capillary No. 0, Constant K = 0.001	285400004
501 01	**calibrated for manual measurements** Type No. 501 01, Capillary No. 0a, Constant K = 0.005	285400029
501 03	**calibrated for manual measurements** Type No. 501 03, Capillary No. 0c, Constant K = 0.003	285400012
501 10	**calibrated for manual measurements** Type No. 501 10, Capillary No. I, Constant K = 0.01	285400037
501 11	**calibrated for manual measurements** Type No. 501 11, Capillary No. Ia, Constant K = 0.05	285400053
501 13	**calibrated for manual measurements** Type No. 501 13, Capillary No. Ic, Constant K = 0.03	285400045
501 20	**calibrated for manual measurements** Type No. 501 20, Capillary No. II, Constant K = 0.1	285400061
501 21	**calibrated for manual measurements** Type No. 501 21, Capillary No. IIa, Constant K = 0.5	285400086
501 23	**calibrated for manual measurements** Type No. 501 23, Capillary No. IIc, Constant K = 0.3	285400078
501 30	**calibrated for manual measurements** Type No. 501 30, Capillary No. III, Constant K = 1	285400094
501 31	**calibrated for manual measurements** Type No. 501 31, Capillary No. IIIa, Constant K = 5	285400115
501 33	**calibrated for manual measurements** Type No. 501 33, Capillary No. IIIc, Constant K = 3	285400107
501 40	**calibrated for manual measurements** Type No. 501 40, Capillary No. IV, Constant K = 10	285400123
502 41	**calibrated for manual measurements** Type No. 502 41, Capillary No. IVa, Constant K = 50	285400148
502 43	**calibrated for manual measurements** Type No. 502 43, Capillary No. IVc, Constant K = 30	285400131
502 50	**calibrated for manual measurements** Type No. 502 50, Capillary No. V, Constant K = 100	285400156
530 01	**not calibrated for automatic measurements** Type No. 530 01, Capillary No. 0a, Constant K = 0.005	285400312
530 03	**not calibrated for automatic measurements** Type No. 530 03, Capillary No. 0c, Constant K = 0.003	285400304

Viscometry

Ubbelohde viscometers (DIN)

Type No.	Description	Ordering No.
530 10	**not calibrated for automatic measurements** Type No. 530 10, Capillary No. I, Constant K = 0.01	285400329
530 13	**not calibrated for automatic measurements** Type No. 530 13, Capillary No. Ic, Constant K = 0.03	285400337
530 20	**not calibrated for automatic measurements** Type No. 530 20, Capillary No. II, Constant K = 0.1	285400345
530 23	**not calibrated for automatic measurements** Type No. 530 23, Capillary No. IIc, Constant K = 0.3	285400353
530 30	**not calibrated for automatic measurements** Type No. 530 30, Capillary No. III, Constant K = 1	285400361
530 33	**not calibrated for automatic measurements** Type No. 530 33, Capillary No. IIIc, Constant K = 3	285400378
530 40	**not calibrated for automatic measurements** Type No. 530 40, Capillary No. IV, Constant K = 10	285400386
532 00	**calibrated for automatic measurements** Type No. 532 00, Capillary No. 0, Constant K = 0.001	285400164
532 01	**calibrated for automatic measurements** Type No. 532 01, Capillary No. 0a, Constant K = 0.005	285400218
532 03	**calibrated for automatic measurements** Type No. 532 03, Capillary No. 0c, Constant K = 0.003	285400201
532 10	**calibrated for automatic measurements** Type No. 532 10, Capillary No. I, Constant K = 0.01	285400226
532 11	**calibrated for automatic measurements** Type No. 532 11, Capillary No. Ia, Constant K = 0.05	285400172
532 13	**calibrated for automatic measurements** Type No. 532 13, Capillary No. Ic, Constant K = 0.03	285400234
532 20	**calibrated for automatic measurements** Type No. 532 20, Capillary No. II, Constant K = 0.1	285400242
532 21	**calibrated for automatic measurements** Type No. 532 21, Capillary No. IIa, Constant K = 0.5	285400189
532 23	**calibrated for automatic measurements** Type No. 532 23, Capillary No. IIc, Constant K = 0.3	285400259
532 30	**calibrated for automatic measurements** Type No. 532 30, Capillary No. III, Constant K = 1	285400267
532 31	**calibrated for automatic measurements** Type No. 532 31, Capillary No. IIIa, Constant K = 5	285400197

Viscometry

Ubbelohde viscometers (DIN)

Type No.	Description	Ordering No.
532 33	**calibrated for automatic measurements** Type No. 532 33, Capillary No. IIIc, Constant K = 3	285400275
532 40	**calibrated for automatic measurements** Type No. 532 40, Capillary No. IV, Constant K = 10	285400283
541 01	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 01, Capillary No. 0a, Constant K = 0.005	285401917
541 03	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 03, Capillary No. 0c, Constant K = 0.003	285401925
541 10	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 10, Capillary No. I, Constant K = 0.01	285401933
541 13	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 13, Capillary No. Ic, Constant K = 0.03	285401941
541 20	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 20, Capillary No. II, Constant K = 0.1	285401958
541 23	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 23, Capillary No. IIc, Constant K = 0,3	285401966
541 30	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS26** Type No. 541 30, Capillary No. III, Constant K = 1	285401974
541 33	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 33, Capillary No. IIIc, Constant K = 3	285401982
541 40	**calibrated for automatic measurements, with filling and cleaning tube to connect to automatic cleaners AVS 24 and AVS 26** Type No. 541 40, Capillary No. IV, Constant K = 10	285401999

Viscometry

Ubbelohde viscometers (DIN) with TC sensors

Type No.	Description	Ordering No.
562 01	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 01, Capillary No. 0a, Constant K = 0.005	285423110
562 03	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 03, Capillary No. 0c, Constant K = 0.003	285423120
562 10	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 10, Capillary No. I, Constant K = 0.01	285423130
562 13	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 13, Capillary No. Ic, Constant K = 0.03	285423140
562 20	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 20, Capillary No. II, Constant K = 0.1	285423150
562 21	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 21, Capillary No. IIa, Constant K = 0.5	285423160
562 23	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 23, Capillary No. IIc, Constant K = 0.3	285423170
562 30	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 30, Capillary No. III, Constant K = 1	285423180
562 31	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 31, Capillary No. IIIa, Constant K = 5	285423190
562 33	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 33, Capillary No. IIIc, Constant K = 3	285423200
562 40	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 40, Capillary No. IV, Constant K = 10	285423210
562 41	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 41, Capillary No. IVa, Constant K = 50	285423220
562 43	**calibrated for automatic measurements, +10°C to +80°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 562 43, Capillary No. IVc, Constant K = 30	285423230
563 10	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 10, Capillary No. I, Constant K = 0.01	285423240

Viscometry

Ubbelohde viscometers (DIN) with TC sensors

Type No.	Description	Ordering No.
563 13	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 13, Capillary No. Ic, Constant K = 0.03	285423250
563 20	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 20, Capillary No. II, Constant K = 0.1	285423260
563 23	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 23, Capillary No. IIc, Constant K = 0.3	285423270
563 30	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 30, Capillary No. III, Constant K = 1	285423280
563 33	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 33, Capillary No. IIIc, Constant K = 3	285423290
563 40	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 40, Capillary No. IV, Constant K = 10	285423300
563 41	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 41, Capillary No. IVa, Constant K = 50	285423310
563 43	**calibrated for automatic measurements, -40°C to +30°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 563 43, Capillary No. IVc, Constant K = 30	285423320
564 10	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 10, Capillary No. I, Constant K = 0.01	285423330
564 13	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 13, Capillary No. Ic, Constant K = 0.03	285423340
564 20	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 20, Capillary No. II, Constant K = 0.1	285423350
564 23	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 23, Capillary No. IIc, Constant K = 0.3	285423360
564 30	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 30, Capillary No. III, Constant K = 1	285423370
564 33	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 33, Capillary No. IIIc, Constant K = 3	285423380

Viscometry

Ubbelohde viscometers (DIN) with TC sensors

Type No.	Description	Ordering No.
564 40	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 40, Capillary No. IV, Constant K = 10	285423390
564 43	**calibrated for automatic measurements, +70°C to +150°C, with filling and cleaning tube, to connect to automatic cleaners AVS 24/26 and AVS 270** Type No. 564 43, Capillary No. IVc, Constant K = 30	285423400
567 01	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 01, Capillary No. 0a, Constant K = 0.005	285423410
567 03	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 03, Capillary No. 0c, Constant K = 0.003	285423420
567 10	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 10, Capillary No. I, Constant K = 0.01	285423430
567 13	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 13, Capillary No. Ic, Constant K = 0.03	285423440
567 20	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 20, Capillary No. II, Constant K = 0.1	285423450
567 21	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 21, Capillary No. IIa, Constant K = 0.5	285423460
567 23	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 23, Capillary No. IIc, Constant K = 0.3	285423470
567 30	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 30, Capillary No. III, Constant K = 1	285423480
567 31	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 31, Capillary No. IIIa, Constant K = 5	285423490
567 33	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 33, Capillary No. IIIc, Constant K = 3	285423500
567 40	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 40, Capillary No. IV, Constant K = 10	285423510
567 41	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 41, Capillary No. IVa, Constant K = 50	285423520

Viscometry

Ubbelohde viscometers (DIN) with TC sensors

Type No.	Description	Ordering No.
567 43	**calibrated for automatic measurements, +10°C to +80°C and for connection to AVS 270** Type No. 567 43, Capillary No. IVc, Constant K = 30	285423530
568 10	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 10, Capillary No. I, Constant K = 0.01	285423540
568 13	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 13, Capillary No. Ic, Constant K = 0.03	285423550
568 20	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 20, Capillary No. II, Constant K = 0.1	285423560
568 23	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 23, Capillary No. IIc, Constant K = 0.3	285423570
568 30	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 30, Capillary No. III, Constant K = 1	285423580
568 33	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 33, Capillary No. IIIc, Constant K = 3	285423590
568 40	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 40, Capillary No. IV, Constant K = 10	285423600
568 41	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 41, Capillary No. IVa, Constant K = 50	285423610
568 43	**calibrated for automatic measurements, -40°C to +30°C and for connection to AVS 270** Type No. 568 43, Capillary No. IVc, Constant K = 30	285423620
569 10	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 10, Capillary No. I, Constant K = 0.01	285423630
569 13	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 13, Capillary No. Ic, Constant K = 0.03	285423640
569 20	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 20, Capillary No. II, Constant K = 0.1	285423650
569 23	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 23, Capillary No. IIc, Constant K = 0.3	285423660

Viscometry

Ubbelohde viscometers (DIN) with TC sensors

Type No.	Description	Ordering No.
569 30	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 30, Capillary No. III, Constant K = 1	285423670
569 33	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 33, Capillary No. IIIc, Constant K = 3	285423680
569 40	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 40, Capillary No. IV, Constant K = 10	285423690
569 43	**calibrated for automatic measurements, +70°C to +150°C and for connection to AVS 270** Type No. 569 43, Capillary No. IVc, Constant K = 30	285423700

Viscometry

Ubbelohde viscometers (ASTM)

Type No.	Description	Ordering No.
525 00	**calibrated for manual measurements** Type No. 525 00, Capillary No. 0, Constant K = 0.001	285400501
525 01	**calibrated for manual measurements** Type No. 525 01, Capillary No. 0b, Constant K = 0.005	285400526
525 03	**calibrated for manual measurements** Type No. 525 03, Capillary No. 0c, Constant K = 0.003	285400518
525 10	**calibrated for manual measurements** Type No. 525 10, Capillary No. I, Constant K = 0.01	285400534
525 13	**calibrated for manual measurements** Type No. 525 13, Capillary No. Ic, Constant K = 0.03	285400542
525 20	**calibrated for manual measurements** Type No. 525 20, Capillary No. II, Constant K = 0.1	285400559
525 23	**calibrated for manual measurements** Type No. 525 23, Capillary No. IIc, Constant K = 0.3	285400567
525 30	**calibrated for manual measurements** Type No. 525 30, Capillary No. III, Constant K = 1	285400575
525 33	**calibrated for manual measurements** Type No. 525 33, Capillary No. IIIc, Constant K = 3	285400583
525 40	**calibrated for manual measurements** Type No. 525 40, Capillary No. IV, Constant K = 10	285400591
525 43	**calibrated for manual measurements** Type No. 25 43, Capillary No. IVc, Constant K = 30	285400604
526 00	**not calibrated** Type No. 526 00, Capillary No. 0, Constant K = 0.001	285400707
526 01	**not calibrated** Type No. 526 01, Capillary No. 0b, Constant K = 0.005	285400723
526 03	**not calibrated** Type No. 526 03, Capillary No. 0c, Constant K = 0.003	285400715
526 10	**not calibrated** Type No. 526 10, Capillary No. I, Constant K = 0.01	285400731
526 13	**not calibrated** Type No. 526 13, Capillary No. Ic, Constant K = 0.03	285400748
526 20	**not calibrated** Type No. 526 20, Capillary No. II, Constant K = 0.1	285400756
526 23	**not calibrated** Type No. 526 23, Capillary No. IIc, Constant K = 0.3	285400764

Viscometry

Ubbelohde viscometers (ASTM)

Type No.	Description	Ordering No.
526 30	**not calibrated** Type No. 526 30, Capillary No. III, Constant K = 1	285400772
526 33	**not calibrated** Type No. 526 33, Capillary No. IIIc, Constant K = 3	285400789
526 40	**not calibrated** Type No. 526 40, Capillary No. IV, Constant K = 10	285400797
526 43	**not calibrated** Type No. 526 43, Capillary No. IVc, Constant K = 30	285400801
527 00	**calibrated for automatic measuremen** Type No. 527 00, Capillary No. 0, Constant K = 0.001	285401255
527 01	**calibrated for automatic measuremen** Type No. 527 01, Capillary No. 0b, Constant K = 0.005	285401263
527 03	**calibrated for automatic measuremen** Type No. 527 03, Capillary No. 0c, Constant K = 0.003	285401271
527 10	**calibrated for automatic measuremen** Type No. 527 10, Capillary No. I, Constant K = 0.01	285401152
527 13	**calibrated for automatic measuremen** Type No. 527 13, Capillary No. Ic, Constant K = 0.03	285401169
527 20	**calibrated for automatic measuremen** Type No. 527 20, Capillary No. II, Constant K = 0.1	285401177
527 23	**calibrated for automatic measuremen** Type No. 527 23, Capillary No. IIc, Constant K = 0.3	285401185
527 30	**calibrated for automatic measuremen** Type No. 527 30, Capillary No. III, Constant K = 1	285401193
527 33	**calibrated for automatic measuremen** Type No. 527 33, Capillary No. IIIc, Constant K = 3	285401288
527 40	**calibrated for automatic measuremen** Type No. 527 40, Capillary No. IV, Constant K = 10	285401296
527 43	**calibrated for automatic measuremen** Type No. 527 43, Capillary No. IVc, Constant K = 30	285401309
545 00	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 00, Capillary No. 0, Constant K = 0.001	285402005
545 01	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 01, Capillary No. 0a, Constant K = 0.005	285402013

Viscometry

Ubbelohde viscometers (ASTM)

Type No.	Description	Ordering No.
545 03	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 03, Capillary No. 0c, Constant K = 0.003	285402021
545 10	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 10, Capillary No. I, Constant K = 0.01	285402038
545 13	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 13, Capillary No. Ic, Constant K = 0.03	285402046
545 20	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 20, Capillary No. II, Constant K = 0.1	285402054
545 23	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 23, Capillary No. IIc, Constant K = 0.3	285402062
545 30	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 30, Capillary No. III, Constant K = 1	285402079
545 33	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 33, Capillary No. IIIc, Constant K = 3	285402087
545 40	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 40, Capillary No. IV, Constant K = 10	285402095
545 43	**calibrated for automatic measurements, with filling and cleaning tube, to connect to automatic cleaners AVS 24 and AVS 26** Type No. 545 43, Capillary No. IVc, Constant K = 30	285402108

Viscometry

Ubbelohde viscometers for dilution series

Type No.	Description	Ordering No.
531 00	**not calibrated, for automatic measurements** Type No. 531 00, Capillary No. 0, Constant K = 0.001	285401403
531 01	**not calibrated, for automatic measurements** Type No. 531 01, Capillary No. 0a, Constant K = 0.005	285401411
531 03	**not calibrated, for automatic measurements** Type No. 531 03, Capillary No. 0c, Constant K = 0.003	285401428
531 10	**not calibrated, for automatic measurements** Type No. 531 10, Capillary No. I, Constant K = 0.01	285401436
531 13	**not calibrated, for automatic measurements** Type No. 531 10, Capillary No. Ic, Constant K = 0.03	285401444
531 20	**not calibrated, for automatic measurements** Type No. 531 13, Capillary No. II, Constant K = 0.1	285401452

Laboratory Hotplates and Stirrer

Overview

Instruments 190
Accessories for Hotplates and Stirrers 191

Laboratory Hotplates and Stirrer Instruments

Type No.	Description	Ordering No.
SLH-110	**Laboratory Hotplate SLH** Ceramic coated stainless steel top plate, 190 x 190 mm, 0.5 kW heating power, cable included, 110 V	285416430
SLH-230	**Laboratory Hotplate SLH** Ceramic coated stainless steel top plate, 190 x 190 mm, 0.5 kW heating power, cable included, 230 V	285416420
SLHS-110	**Laboratory Heating Stirrer SLHS** Ceramic coated stainless steel top plate, 190 x 190 mm, 60 -1500 rpm, 0.5 kW heating power, cable included, 110 V	285416410
SLHS-230	**Laboratory Heating Stirrer SLHS** Ceramic coated stainless steel top plate, 190 x 190 mm, 60 -1500 rpm, 0.5 kW heating power, cable included, 230 V	285416400
SLK 1-115 V	**Laboratory Hotplate SLK 1** Glass-ceramics heating surface, 280 x 280 mm, 0.9 kW, cable included, 115 V	285416213
SLK 1-230 V	**Laboratory Hotplate SLK 1** Glass-ceramics heating surface, 280 x 280 mm, 1.2 kW, cable included, 230 V	285416316
SLK 2-115 V	**Laboratory Hotplate SLK 2** Glass-ceramics heating surface, 280 x 280 mm, 1.6 kW, cable included, 115 V	285416221
SLK 2-230 V	**Laboratory Hotplate SLK 2** Glass-ceramics heating surface, 280 x 280 mm, 1.8 kW, cable included, 230 V	285416324
SLR-115 V	**Laboratory Heating Stirrer SLR** Glass-ceramics heating surface, 235 x 235 mm, 100 -1100 rpm, 0.9 kW, cable included, 115 V	285416279
SLR-230 V	**Laboratory Heating Stirrer SLR** Glass-ceramics heating surface, 235 x 235 mm, 100 -1100 rpm, 0.9 kW, cable included, 230 V	285416373
SLS-110	**Laboratory Stirrer SLS** Ceramic coated stainless steel top plate, 190 x 190 mm, 60 -1500 rpm, cable included, 110 V	285416450
SLS-230	**Laboratory Stirrer SLS** Ceramic coated stainless steel top plate, 190 x 190 mm, 60 -1500 rpm, cable included, 230 V	285416440

Laboratory Hotplates and Stirrer

Accessories for Hotplates and Stirrers

Type No.	Description	Ordering No.
W 5780 NN HT	**Micro-Resistance thermometers** glass shaft, sensor Pt 1000, 2 x 4 mm banana plugs, length 250 mm, 6 mm Ø, -30...+200 °C	285105238
W 5791 NN HT	**Micro-Resistance thermometers** Stainless steel shaft (V4A), sensor Pt 1000, 2 x 4 mm banana plugs, length 170 mm, 4 mm Ø, -30...+200 °C	285105308
Z 601	**Stand rod** Stainless steel, 10 mm Ø, length 450 mm	285416492
Z 602	**Temperature sensor holder** Clamp with extension rod made of stainless steel, connector	285416505
Z 603	**Magnetic stirrer rod set for standard applications** ALNiCo5, circular cross section, PTFE coated, 1 piece 15, 20, 30, 40, 50, 60, 70, 80 each	285416554
Z 604	**Magnetic stirrer rod for medium volumes** SmCo, circular cross section, PTFE coated, 5 pieces 9 x 15 mm each	285416562
Z 605	**Magnetic stirrer rod for large volumes** SmCo, elliptic cross section, PTFE coated, 1 piece 19 x 75 mm	285416579
Z 607	**Compressed-air connector (only SLK)** for use in aggressive environment, incl. installation (later build-in take place only by the manufacturer)	285416595

Water Distilling Apparatus

Overview

Water distilling apparatus for laboratory and industrial use.....194
Accessories and spare parts for Water Dist.Apparatus.....195

Water Distilling Apparatus

Water distilling apparatus for laboratory and industrial use

Type No.	Description	Ordering No.
D 82000	**Water Distilling Apparatus** Power: 4 l H2O dist./h ready for connecting, electrical connected load: 230 V/14 A	285502028
D 82100	**Water Distilling Apparatus** Power: 7 l H2O dist./h ready for connecting, electrical connected load: 230 V/ 23 A	285502036
D 82200	**Water Distilling Apparatus** Power: 7 l H2O dist./h ready for connecting, electrical connected load. 380 V/8 A	285502044

Water Distilling Apparatus

Accessories and spare parts for Water Dist.Apparatus

Type No.	Description	Ordering No.
DZ 8050	**Cleaning solution (1 l)** for gentle removal of lime residues	285530276
DZ 8052	**Cleaning solution (2.5 l)** for gentle removal of lime residues	285530283
DZ 8057	**Duran® bottle with DIN thread, ISO 4796 (5 l)** plastic coated, without cap and pouring ring	285530251
DZ 8101	**Distilling glass part** for type no. D 81100, D 81200, D 82000	285502085
DZ 8102	**Connection tube**	285502093
DZ 8103	**controlling piece**	285502106
DZ 8104	**Inlet tube**	285502114
DZ 8105	**Outlet tube**	285502122
DZ 8106	**Siphon tube**	285502139
DZ 8107	**Distilling glass part** for type no. D 82100, D 82200	285502147
DZ 8128	**Flow through limiter** for type no. D 82100, D 82200	285502163
DZ 8150	**Level controller, complete** complete	285502171
DZ 8206	**Plastic cap GL 18**	285530708
DZ 8208	**Plastic cap GL 32**	285530716
DZ 8215	**Sealing GL 18**	285502052
DZ 8218	**Sealing GL 32**	285502069
DZ 8257	**O-ring** 150 mm	285530695
DZ 8411	**Closure cap GL 18**	285530749

Water Distilling Apparatus

Accessories and spare parts for Water Dist.Apparatus

Type No.	Description	Ordering No.
DZ 8500	**Heater with ground plate** 3,000 W, for type no. D 82000	285502241
DZ 8505	**Switch, 3 poles** for type no. D 82100, D 82200	285502258
DZ 8524	**Switch, 2 poles** for type no. D 81100, D 82200	285502266
DZ 8600	**Heater with ground plate** 5,000 W, for type no. D 82100	285502274
DZ 8700	**Heater with ground plate** 5,400 W, for type no. D 82200	285502282
DZ 8701	**Excess temperature protection for 230 V** for type no. D 81100, D 82000, D 82100	285502299
DZ 8702	**Excess temperature protection for 380 V** for type no. D 82200	285502303
DZ 8757	**Quick release clamp NW 150**	285530576

SI Analytics

SI Analytics GmbH
Hattenbergstraße 10
55122 Mainz
Germany
Phone +49 (0)6131/66-5111
Fax +49 (0)6131/66-5001
support@si-analytics.com
www.si-analytics.com

Vers. 1/2010

A Nova Analytics company NOVA ANALYTICS