

PENETRATION

Penetrometer Cones, Needles and Accessories

- Precision machined cones and needles for ASTM and related methods
- Sample containers
- Constant temperature baths
- Grease workers and accessories
- Roll stability testers
- USDA and AOCS penetrometer cones

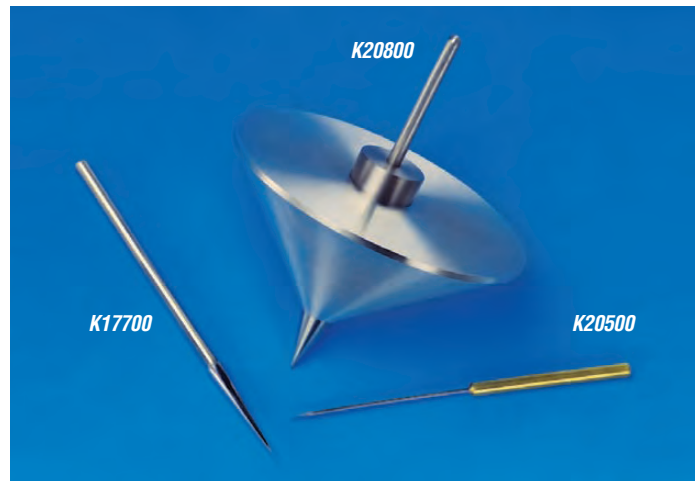
Use together with K19500 and K95500 series penetrometers to determine the consistency of petroleum products. Please call or write for information on non-petroleum test applications.

Needle Penetration of Petroleum Waxes

Test Method Standards

ASTM D1321; IP 376; DIN 51579

K17700	Needle, Stainless Steel, 2.5g
K17770	Needle, Stainless Steel, 2.5g, NIST Certified
K17710	Wax Specimen Container
	Brass cylinder with base plate conforming to ASTM D1321 specifications
K95600	Penetration Bath, 115V, 60Hz
K95690	Penetration Bath, 230V, 50/60Hz



Penetration of Bituminous Materials

Test Method Standards

ASTM D5; IP 49; DIN 52010

K20500-00000	Needle. Stainless steel with brass ferrule, 2.5g
K20570-00000	Needle. Similar to K20500, NIST certified, 2.5g
K20600-00000	Needle. Stainless steel with stainless steel ferrule, 2.5g
K20670-00000	Needle. Similar to K20600, NIST certified, 2.5g
388-001-003	Sample Container, 55mm dia. x 35mm depth for penetrations below 200
388-001-006	Sample Container, 70mm dia. x 45mm depth for penetrations between 200 to 350
357-000-001	Transfer Dish Submerges sample container per ASTM specifications
K95600	Penetration Bath, 115V, 60Hz
K95690	Penetration Bath, 230V, 50/60Hz

Cone Penetration of Lubricating Greases

Test Method Standards

ASTM D217; IP 50; ISO 2137; DIN 51804; FTM 791-311, FTM 791-313

K20800	Cone, Magnesium With hardened stainless steel tip, 102.5g Standard cone per ASTM D217
K20000	Cone, Brass With hardened stainless steel tip, 102.5g Optional cone per ASTM D217
K18100	Grease Worker series. Refer to page 28 for specifications and ordering information
K19100	Grease Cutter For 'block penetration' tests
K95600	Penetration Bath, 115V, 60Hz
K95690	Penetration Bath, 230V, 50/60Hz

Please inquire with Koehler Customer Service about accessories for food, cosmetics, paints, soaps, and other consistency measurement applications utilizing the Penetrometer.