

	Brand	PERSEE		Shimazu	
	Model Number	T9DCS	T10DCS	UV3600	UV2700
Specifications	Optical System	Double Monochromator		Double monochromator	Double beam
	Detector	PMT		PMT	R928 PMT
	Light Source	D2 & Tungsten, Hg lamp for WL correction		D2 & Tungsten	D2 & Tungsten
	WL Range	185~900nm		185~3300nm	185~900nm
	WL Accuracy	±0.2nm		±0.1nm	±0.3nm
	WL Reproducibility	0.05nm		0.05nm	0.05nm
	Stray Light	0.0001%T	0.00004%T @ 220nm 0.00002%T @ 340nm	0.00008%T @ 220nm 0.00005%T @ 340nm	0.00005%T
	Photometric Accuracy	±0.002A (0 - 0.5A) ±0.003A (0.5 - 1A) ±0.004A (1 -2A)			±0.002A (0.5A) ±0.003A (1A) ±0.006A (2A)
	Photometric Reproducibility	0.0004A (0.5A) 0.0008A (1A) 0.002A (2A)			0.001A (0.5A) 0.001A (1A) 0.003A (2A)
	Bandwidth	0.1~5nm (0.1nm interval)		0.1/ 0.2/ 0.5/ 1/ 2/ 3/5/8nm	0.1,0.2,0.5,1,2,5 nm
	Stability	≤0.0004A/hr (500nm, 0Abs) 2hr warm up			≤0.0003A/hr (700nm, 0Abs) 2hr warm up
	Baseline flatness	±0.0008A	±0.0005A		±0.0004A (200~1000nm)
	Noise	0% Noise: ≤0.01%; 100% Noise: ≤0.1%;		±0.00003 Abs (700nm, RMS)	±0.00005 Abs (500nm, p-p) 30min warm up
	Scanning Speed	1000nm/min			4000nm/min
	Slew Rate	3800nm/min			14000nm/min
	Interface	WIFI with PC			PC
	Dimensions	36 * 25 * 11 in			18 * 24 * 10 in
	Weight	136 lb	143 lb		50 lb
Price	Price in USD	US\$13,499.00	US\$15,275.00	Roughly about \$48k	Roughly about \$19k