

## TVlogic K-10A-CL Klein K-10 Colorimeter Probe

Measuring Functions	Colorimetric; x y Y, u v Y, RGB, Tc Tuv Y
Measuring Range	0.00006-2919fL; 0.0002-10,000cd/m <sup>2</sup> (candelas/sq. meter)
Measures	22mm diameter, 110mm from display
Scan Interval	0.1 sec., auto ranging; 6 ranges, each channel independently
Filters	20Hz low pass 3 pole analog filter, 14-bit A/D Converter; digital averaging
Accuracy	Chroma $\pm 0.002$ x, y (displayed value > 1.00cd/m <sup>2</sup> ) Luminance $\pm 1\%$ Y, $\pm 1$ LSB (displayed value > 0.01cd/m <sup>2</sup> )
Repeatability	Chroma $\pm 0.002$ x, y (displayed value > 1.00cd/m <sup>2</sup> ) Luminance $\pm 1\%$ Y, $\pm 1$ LSB (displayed value > 0.01cd/m <sup>2</sup> )
Interface	9600 baud RS-232 communication to PC
Connectors	Serial COM 9-pin (DB9), USB plug for 5v power only
Electrical Requirements	5VDC, 75mA nominal (175mA maximum with LEDs on) from a PC's USB port, or from included power supply
Environmental Requirements	Operating Temperature: 32-104°F (0-40°C) Humidity: 85%, non-condensing
Material	Platinum colored high-impact plastic and black anodized aluminum
Dimensions (LxDiameter)	10.5 x 2.375" (26.7 x 6cm)
Weight	1.2 lb (0.59kg)