

LIGHT METER PROBE

Model : YK-200PLX

1. FEATURES

* Light meter probe (YK-200PLX) connect with YK-2001TM will become a professional Light Meter.
* Sensor uses the exclusive photo diode & color correction filter, spectrum meet C.I.E. photopic.
* Two measuring units, Lux & Feet-candle (Fc)
* Separate Light Sensor allows users's measurement at an optimum position.
* Microprocessor circuit assures high accuracy performance available.
* Super large LCD display, easy readout.
* Heavy duty & compact housing case.
* Records Maximum and Minimum readings with RECALL facilities.
* Data hold function.
* Auto shut off prolongs battery life.
* RS 232 PC serial interface.

2. SPECIFICATIONS

2-1 General Specifications

Circuit	Custom one-chip microprocessor LSI circuit.
Measurement	<i>Lux :</i> 2,000/20,000/50,000 Lux <i>Feet-candle (Fc) :</i> 200/2,000/5,000 Feet-candle (Fc)
Resolution	<i>Lux :</i> 1, 10, 100 Lux <i>Feet-Candle :</i> 0.1, 1, 10 Feet-candle
Memory Recall	Records Maximum and Minimum readings with RECALL facility.
Power off	Manual power off by push button or Auto power off (Not activated during memory record function).
Data Output	RS 232 PC serial interface.
Over load indication	Indicated by "-----".
Sampling Time	Approx. 0.8 second.
Operating Temperature	0 to 50 °C
Operating Humidity	Max. 80% RH.
Size	Sensor probe: 85 x 58 x 18 mm (3.3 x 2.3 x 0.7 inch).
Accessories Included	Instruction manual.....1 PC. Light Meter probe.....1 PC.

2-2 Electrical Specifications (23 ± 5°C)

Unit	Range	Resolution	Accuracy
Lux	2,000 Lux	1	± (5 % + 2d)
	20,000 Lux	10	
	50,000 Lux	100	
Feet-Candle (Fc)	200 Ft-Candle	0.1	± (5 % + 2d)
	2,000 Ft-Candle	1	
	5,000 Ft-Candle	10	