

VISIBLE LIGHT METER

P/N 622338



Features:

- Silicon Photodiodes
- Spectral Response
- Range for Lux: 200, 2000, 20000 Lux
- Range for Fc: 20, 200, 2000 Fc
- Equipped with data "Hold" function

Specifications

Display	3 ½ digits. LCD Maximum indication 1999.
Accuracy	+/- 10% of reading or 0.5 Fc, whichever is greater
Sensor structure	Silicon Photodiodes
Overload Indication	Indication of “O.L.” in the middle of LCD
Weight	0.58 lb including battery
Operating Temperature & Humidity	32 F to 104 F (0 C to 40 C) Maximum 80% RH
Power Supply	DC 9 V battery
Battery Life	Approximately 200 hours
Dimensions of Main Instrument	5.7” x 2.9” x 1.4”
Dimensions of Sensor Probe Head	2.4” x 3.2” x 1”
Accessories Included	Instruction manual: 1 pc. UV sensor probe: 1 pc

Measuring Procedure

1. Push the “Power” button to turn the meter on
2. Select the unit of measurement
3. Select appropriate range of measurement
4. Remove the protective cap covering the sensing element (verifying lens is clean and oil free)
5. The sensor probe should be held 15” from the filer surface of the UV light source for proper NDT technique.
6. The probe surface should be held perpendicularly to the direction of the light beam. This measurement is done for verification of white light interference when conducting UV light inspection
7. When the inspection is to be done with visible light, the sensor should be held near the surface of the part to be inspected
8. If the displayed value may be saved by pushing the “Hold” button. Depressing this button again will clear the last saved display

Replacement of Battery

1. When LCD display shows the symbol for low battery, it indicates that the battery needs to be replaced.
2. Slide the Battery Cover off the instrument using a flat-head screwdriver and remove the used battery.
3. Replace with 9V battery and put the cover back. Make battery cover is properly secured.