

DIGITAL LIGHT METER

Model : EQ-LM802



FEATURES :

- Measuring Range from 0.1 Lux to 200,000 Lux / 0.01 FC to 20,000 FC.
- High accuracy and rapid response.
- Data-Hold function
- Unit and sign display for easy reading.
- Automatic zeroing.
- Meter corrected for Luminous Efficiency function.

The Digital Illuminance Meter is a precision instrument used to measure illuminance in the field. It is fully Cosine corrected for the angular incidence of light. The illuminance meter is compact, tough and easy to handle owing to its construction. The light sensitive component used in the meter is a very stable, long life silicon diode.

SPECIFICATION :

➡ Display	: 3½ digit LCD.
➡ Measuring Range	: 200, 2,000, 20,000 and 200,000 Lux 20, 200, 2,000, 20,000 FC
➡ Over range display	: Highest digit of "1" is displayed.
➡ Accuracy	: $\pm 3\% \text{rdg} \pm 0.5\% \text{f.s}$ (Calibrated to standard incandescent lamp at color temperature 2856 °K)
➡ Repeatability	: $\pm 2\%$
➡ Temp. Characteristic	: $\pm 0.1\% / ^\circ\text{C}$.
➡ Measuring Rate	: Approx. 2.0 times/sec.
➡ Photo detector	: Silicon Photo Diode with Filter.
➡ Operating Conditions	: Temperature : 0°C to 40°C (32°F to 104°F) : Humidity : 0 to 80% RH.
➡ Storage	: Temperature : -10°C to 60°C (14°F to 140°F) : Humidity : 0 to 90% RH.
➡ Power Source	: 9 Volt Battery