

HI 97500

Portable Lux Meter*or Rapid Light Measurements in a Waterproof Case***Easily Perform Light Measurements**

HI 97500 is a portable lux meter designed to perform light measurements with ease. The instrument is provided with a light sensor connected to the meter through a coaxial cable, allowing measurements from a distance, without any interference from the operator.

By simply pressing the RANGE key, it is possible to switch among three ranges and choose the best resolution according to the environment being tested. The HI 97500 lux meter has a rugged and water-resistant body for outdoor use without any problems.

The 9V battery and automatic shut-off feature guarantee about 200 hours of operation.

- Three measurement ranges
- Light sensor attached to 1.5 meter coaxial cable
- Rugged, waterproof case
- Low-battery indicator

The Quality of Light

Quality of light is very important in the workplace, schools, greenhouses and public buildings. Too little light (or luminous intensity) affects the quantity and quality of performance of both people and crops. HANNA's light meter uses special optic filters to match the spectral sensitivity of the human eye.

Luminous intensity is measured and reported in foot-candles (ft-c) or in lux (lx). Light meters are commonly referred to as lux meters. One lux is equal to one lumen per square meter and one foot-candle is equal to one lumen per square foot. To convert measurements use the following formula:

$$\text{foot-candle} = \text{lux} \times 0.0929$$

$$\text{lux} = \text{foot-candle} \times 10.764$$

SPECIFICATIONS**HI 97500**

Range	0.001 to 1.999 Klux 0.01 to 19.99 Klux 0.1 to 199.9 Klux
Resolution	0.001 Klux 0.01 Klux 0.1 Klux
Accuracy	±6% of reading ±2 digits
Sensor	human-eye-response silicon photodiode with 1.5 m coaxial cable (fixed)
Battery Type / Life	1 x 9V alkaline / approx. 200 hours of continuous use; auto-off after 7 minutes of non-use
Environment	0 to 50°C (32 to 122°F); RH 100%
Dimensions	164 x 76 x 45 mm (6.5 x 3.0 x 1.8")
Weight	180 g (6.3 oz.)

ORDERING INFORMATION

HI 97500 is supplied with battery, protective case and instructions