Metrix+™
Innovative Excellence

# DIGITAL LUX METER

## LX 1330A+

*Rotatable head*

## Measuring principle

The lux is a unit of measurement of illuminance. A lux meter works by using a photocell to capture light, which is then converted to an electrical current. Measuring this current allows the device to calculate the lux value of the light it captured.


## Applications

The meter is a stable, safe and reliable mini digital lux meter, widely used for the illuminance measurement in lamp industry, agriculture and animal husbandry, mining, laboratory, photography and video filming, health and safety regulations office, household and streetlamp construction.

## Features

- Rotatable sensor head for flexible measurement.
- Lux and FC units with automatic switching of measuring range.
- Max and min measurement values with data hold and overload protection.
- Backlit LCD display, auto power off and low battery indication.

## Technical Specifications

| Model | *Metrix+* 1330A+ |
|---|---|
| Sensor type | Silicon photovoltaic cell |
| Measuring range | 0 ~ 1,99,990 lux (1 FC = 10.76 lux) |
| Accuracy | 0 ~ 9999 lux : ± (4%rdg + 8dgts)<br>>= 10,000 lux : ± (5%rdg + 10dgts) |
| Resolution | 0 ~ 9999 lux : 1 lux<br>10,000 ~ 99,990 : 10lux<br>1,00,000 ~ 1,99,990 : 100lux |
| Sampling time | 0.5 s |
| Units | Lux , FC |
| Display | 4-digit LCD with 9999 max count, automatic switching of ranges |
| Power supply | 3 x 1.5V AAA battery |
| Operation environment | Temperature: 0 ~ 40°C(<= 80%RH) ; 40 ~ 50°C(<= 45%RH) ; |
| Storage environment | Temperature : -20 ~ 60°C(<= 75%RH) |
| Size and weight | 178.5 x 63.5 x 27 mm ; 133g |
| Standard Accessories | Lux meter, manual, batteries, gift box |