

### 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 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

- Separate light sensor for measuring at the most optimum position.
- Data hold and range switch.

### Technical Specifications

Model	<b>Metrix+ 101+</b>
Measuring range	0 ~ 2,00,000 lux
Accuracy	< 2,00,000 lux : ± (3%rdg + 0.5%) >= 2,00,000 lux : ± (4%rdg + 10dgt)
Resolution	0 ~ 19 : 0.01 lux 20 ~ 199 : 0.1 lux 200 ~ 1,999 : 1lux 2,000 ~ 1,99,999 : 10 lux
Sample time	0.5 s
Display	4-digit LCD with 1999 max count
Operating temperature	0 ~ 40°C
Storage temperature	-10 ~ 50°C
Power supply	1 x 9V battery
Size and weight	Main unit : 132 x 28 x 26 cm Weight : 202g
Standard Accessories	Lux meter with split type sensor, manual, batteries