

Illuminometer PCE-170 A



PCE-170 A Illuminometer with Built-In Sensor

Illuminometer for fast and accurate measurement of light / Measurement range from 0.00 to 40,000 lux / Silicon photodiode sensor / Large 5-digit LCD display / Immediate and accurate response / Selectable manual or automatic range

The PCE-170 A Illuminometer is well-known for its durability as well as its good quality at a good price. The PCE-170 A Illuminometer has a wide measurement range. Thanks to its fast response time and compact housing you can use this meter with just one hand. The PCE-170 A Illuminometer can be used even by inexperienced personnel. With the PCE-170 A Illuminometer you will be able to perform a professional valuation. The PCE-170 A Illuminometer can be widely used within the industrial sector. For example, it is possible to check light conditions in workplaces, warehouses, industries and apartments with the PCE-170 A Illuminometer. In addition, emergency escape routes can be tested with the PCE-170 A Illuminometer for proper illumination. The PCE-170 A Illuminometer is an irreplaceable instrument to prevent occupational hazards and it meets professional standards.

Workplaces will become safer and you will save expenses. Latest research has discovered that too little as well as too much illumination in a workplace can be harmful for humans. You can also check illumination at home, in your dining-room for instance. The digital PCE-170 A Illuminometer measures in Lux units (lumen/m² or lumen/foot²). This solid and portable PCE-170 A Illuminometer provides very accurate results and comes with a zero-reset function when it is on. It also has a sensor with a response curve for all the visible spectrum. Light is measured by means of a silicon photodiode independently from the extension and direction of the light source. With the ease of use and rapid measurement methods, the device quickly becomes a familiar tool, and an inseparable part of the working day.

- ▶ Large 5-digit LCD display
- ▶ Measurement range from 0.00 to 40,000 lux
- ▶ Resolution of 0.01 lux in a range up to 39.99 lux
- ▶ Sensor: silicon photodiode
- ▶ Corrected cosine angle
- ▶ HOLD function
- ▶ Fast and accurate response
- ▶ Auto shut-off after 30 min.
- ▶ 1 x 9V battery and carrying case
- ▶ Selectable units: lx and fc (fc = footcandle; 1 fc = 10,764 lx)
- ▶ Selectable manual or automatic range
- ▶ Auto reset to zero

Specifications

Ranges	0.00 ... 40,000 lux 0.000 ... 4000 fc
Resolution	0.01 lux/0.001 fc
Accuracy	±3% of the measurement value + 5 digits
Overload indicator	OL = Overload
Rate of measurement	Every 2 seconds
Operating temperature	0 ... 40°C / 32 ... 104°F
Light sensor	Silicon photo diode
Display	5-digit LCD display
Power	9V battery
Dimensions	33 x 54 x 196 mm / 1.3 x 2.1 x 7.7 in
Weight	180 g < 1 lb

Subject to change