

Light Meter PCE-UV34



**PCE-UV34 Light Meter
measures radiation UV, with an external sensor**

The PCE-UV34 Radiation Meter is a device used to measure UVA and UVB radiation. This accurate device operates on a wave length of 290 to 390 nm. With this Radiation Meter you can measure UVA radiation from the sun or in tanning salons in order to protect yourself from damage of high exposure and possible sunburn. With the industrial sector we frequently find elevated UVA radiation level, such as the arc light used in soldering. The UV Radiation Meter is very versatile thanks to its external sensor. Other fields of use are the sterilization of UVA rays, photo chemical compensation, in virology laboratories or in DNA research

- ▶ Two measurement ranges:
 - ▶ 0.000 to 1.999 mW/cm² or 0.000 to 19.9 W/m²
 - ▶ 1.999 to 19.99 mW/cm² or 19.99 to 199.9 W/m²
- ▶ External sensor with UV correcting filter
- ▶ Auto after 10 minutes of inactivity to conserve battery power
- ▶ Large LCD
- ▶ Minimum, Maximum and Data Hold functions
- ▶ Compact design

Specifications

Ranges	0.000 to 1.999 mW/cm ² or 0.000 to 19.9 W/m ² 1.999 to 19.99 mW/cm ² or or 19.99 to 199.9 W/m ²
Resolution	0.001 mW/cm ²
Accuracy	±4% + 2 positions
Response time	0.4 s
Wave length	Wide band of 290 to 390nm
Zero reset	By pressing a key
Light sensor	Photodiode with UV correcting filter
Memory	Minimum, maximum and hold values
Auto shut-off	Automatic after 10 minutes of inactivity
Display	22 mm / 0.9 in LCD
Over range indicator	"- - - -"
Operating conditions	0 to 50°C / 32 ... 122°F max. 80% r.h.
Power	9V battery
Dimensions	Device: 68x 200 x 30 mm / 2.7 x 7.9 x 1.2 in Lightsensor: 68 x 60 x 27 mm / 2.7 x 2.4 x 1.1 in
Weight	220 g / < 1 lb (with battery)

Subject to change