

TM-223 UV AB Meter

Applications

- ◆ Monitoring blue light radiation hazards in welding.
- ◆ UV sterilization.
- ◆ Graphic arts.
- ◆ Photochemical matching.
- ◆ UV EPROM erasure.
- ◆ Photos resist exposure.
- ◆ Curing of inks, adhesives and coatings.
- ◆ Convenient, no need to adjust, data displayed clearly.
- ◆ Weathering "degradation studies".
- ◆ UV sterilization.
- ◆ Virology.
- ◆ Microbial genetics.
- ◆ DNA research.
- ◆ Biologic hoods.
- ◆ General laboratory use.



Specifications

Display	3 3/4 digits LCD with backlit maximum reading 3999	Spectrum Range	290~390nm
unit selection	1μW/cm² or 1.00mW/cm²	Calibration Point	365nm
Sensor	UV light sensor	Sample time	Approx. 3 sec
Measuring range	3999 μW/cm², 39.99mW/cm²	Power supply	2 batteries 1.5V
Resolution	1 μW/cm², 0.01mW/cm²	Battery life	approx. 50 hr.
Accuracy	± 4(%FS + 2dgt) FS: full scale 15%:sunlight ultraviolet.	Weight	approx. 90g
		Dimension	133 x 48 x 23mm (L x W x H)

TM-721 Light Meter(Auto-Ranging)

According to JIS C 1609:1993 and CNS 5119 general A class Specifications.

Applications

- ◆ Warehouses
- ◆ Factories
- ◆ Office buildings
- ◆ Restaurants
- ◆ Schools
- ◆ Libraries
- ◆ Hospitals
- ◆ Photo and video studios
- ◆ Parking garages
- ◆ Museums
- ◆ Art galleries
- ◆ Stadiums
- ◆ Building security



Specifications

Measuring lights source	all the visible light	Battery life	About 200 hours
Measuring intensities of illumination	Lux or footcandles.	Power supply	2 batteries 1.5V AAA MN2400 LR03 AM4
Display	9999 count, maximum display 9999	Accuracy	±3% ±3Lux(0~500Lux), ±3%(up 501 Lux) (Calibrated to standard incandescent lamp 2856°K) 8% other visible light source
Sensor	Silicon photodiode and filter	Angle deviation from cosine characteristics	30° ±2% 60° ±6% 80° ±25%
Measuring range	999.9, 9999, 99990, 400000 Lux 99.99, 999.9, 9999, 40000 Footcandles	Weight	90g (include battery)
Resolution	0.1, 1, 10, 100 Lux 0.01, 0.1, 1, 10 Footcandles	Dimension	133(L)x48(W)x23mm(H) mm 5.3(L)x 1.9(W) x0.2(L) inch