

UVC Light Meter TM-218

UV A/B/C Light Meter TM-228



Features

- Quick determination of UV intensity of factory UV products.
- UVC germicidal lamp intensity and aging measurement.
- UV curing.(TM-228)
- UVA lamp intensity and aging measurement.(TM-228)

Specifications

TM-218	TM-228
▪ 4 digits LCD with maximum 9999 counts and backlit. ▪ Max/Min/Average hold. ▪ Auto ranging/Data hold ▪ Auto power off with disable function. ▪ Measure UV integrator or UV intensity and temperature.	▪ Factory QC good/bad product sound auxiliary measurement. ▪ Low battery indication.  ▪ 200 records storage(Auto/Manual). ▪ Tripod.

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Specifications

Integrator Measurement Range	0~9999uw/cm ² , 10.00~40.00mw/cm ²	
LIMIT	Factory QC good/bad product sound auxiliary measurement	
Sample time	2seconds.	
Battery	9V(NEDA 1604 IEC 6F22 JIS 006P)x 1	
Weight	About 320g	
Battery life	About 100 hrs	
Dimension	Meter	143(L) x 65(W) x 37.5(H)mm
	Sensor	39.5Ø x 30.5(H) mm
Length of wiring for light sensor	About 100cm	

Electrical Specifications

Accuracy is indicated as [% reading + digital] Environmental conditions at 23°C ± 5°C with RH < 80%.

UV Intensity Measurement Range

Model	TM-218(UVC)	TM-228(UVA/B/C)
Spectrum Range	220nm~280nm	230nm~395nm
Calibration Point	254nm	254nm/365nm
Range	0~9999uw/cm ² 10.00~40.00mw/cm ² .	
Accuracy	±4%+1digit	
Resolution	1µW/cm ² , 0.01mW/cm ²	

UV-Integrator Measurement Range:(TM-228 Only)

Range	0-99990 mJ/cm ² (9999 x10=99990)
Accuracy	±4%+1digit
Resolution	10 mJ/cm ²

Temperature

Range	0.0°C~70.0°C(32.0°F~158.0°F)
Accuracy	±1.0°C(±2.0°F)
Resolution	0.1°C/0.1°F