

Preliminary Specifications

ILT800 CureRight Profiling UV Radiometer



Features:

- Samples at 3000 samples per second
- Measures pulsed and continuous sources
- Store/recall up to 1000 profiles
- Largest measurement range: 4.5 decades
- Solid state sensors with linear response
- Temperature measurement
- UV resistant housing all sides
- Low battery warning
- Stores 20 unique source IDs, allows capture and recall of data by device ID
- Programmable settings include minimum light level threshold, lamp to lamp measurement interval (allowable delay), auto shutoff time, auto/manual/live measurement modes.

Description:

The ILT800 CureRight Series is designed to measure all types of UV curing methods and sources including conveyor, belt, oven, flood, area, spot, 3D printer, pulsed, traditional UV lamps, and UV/VIS LED's and LED Light sources.

This meter out performs the competitors with features such as, profiling; current, previous and stored measurements, the ability to monitor, measure, view and export the date, time, temperature, irradiance, dose, cal due date, model and serial number and battery status. Device ID allows one meter to store and export baselines/historical data from numerous sources and easily sort by device ID. All features come standard along with an ISO17025 accredited calibration all at an economical price.

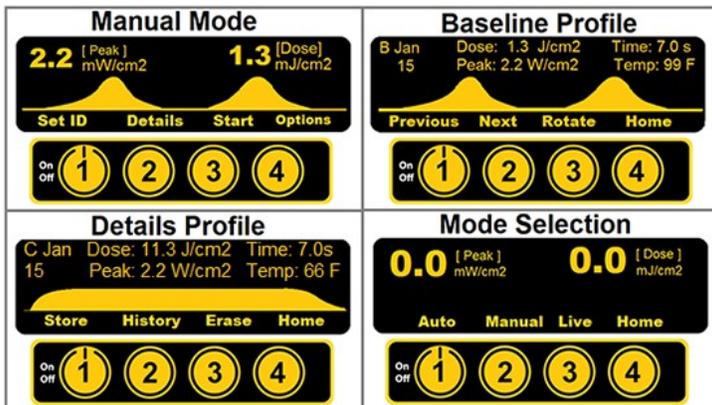
(Coming soon: ILT850 add on modules allowing user to monitor multiple spectral bands and/or perform spatial-profiling at full bandwidth.)

Specifications: Spectrum/ Filtration Options:

ILT800-UVA 315-390 nm
ILT800-BAV 275-475 nm
ILT800-UV 250-400 nm
ILT800-CUV 215-350 nm
ILT800-UVF 360-400 nm Flat, (275-450nm)
OEM / custom filtration available

Range: 4.5 decade (mW/cm² to 40 W/cm²)
Readout: mW/cm², mJ/cm², W/cm², J/cm²
& profile/graph, Date, Time, Temp.
Sensors: Linear, solid state GaAsp & SiC
Dimensions: 102 x 152 x 12.7 mm
Display: 19 x 170 mm OLED
Power: Mini USB & rechargeable battery
Temp: 0-75 degrees (internal case temp.)
Input Optic: Cosine correction diffuser
Memory: 400,000 data points

Simple four-button operation with easy-to-read labels for each mode



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