



# UV Radiometer & Dosimeter

Lightweight, compact radiometer/dosimeter that measures the UV dose (energy) and UV irradiance inside UV equipment. With calibration traceable to the National Institute of Standards (NIST), it is available in two versions either to measure in the UV-A or UV-V (Visible) wavelength region, with results displayed in an easy-to-read LCD window. It is heat tolerant up to 75 °C with a programmed automatic shut-off in the event internal temperature exceeds 80 °C.

Irradiance Range:	UV-A version: 0 – 10 W/cm <sup>2</sup> UV-V version: 0 – 2 W/cm <sup>2</sup>
Energy/Dose Range:	0 to 1000 Joules/cm <sup>2</sup>
Spectral Response:	UV-A version: 320-400 nm UV-V version: 390-550 nm
Calibration Accuracy (NIST Traceable):	± 5% Typical, 10% max
Spatial Response:	Approximately cosine
Operating Internal Temperature Range:	0 – 75 °C
Internal Temperature Shut-off (Maximum):	80 °C
Display:	2 LCD rows displaying Irradiance & Dose
Dimensions:	102 x 102 x 13 mm
Weight (with batteries):	240 g
Power Source:	Two user replaceable AAA size 1.5V batteries (not included)
Battery Life:	6000 readings at one minute exposure duration
System Alarms:	1) If internal temperature exceeds 75 °C an audible alarm is triggered. If internal temperature exceeds 80 °C during exposure, system shuts down. 2) Visual Low battery indicator. Auto Shut Off: the unit shuts off if no UV radiation is detected for five minutes
Warranty:	One year warranty

**Note:** Specifications are subject to change without prior notice

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