



The IL1400A or IL1400BL (with back-lit display) portable radiometer for UV lamp monitoring is a hand held instrument that can be equipped with many application specific detector probes for performing specific types of UV measurement. Featuring a simple pushbutton operation with direct readout on an LCD display, this portable unit provides NIST traceable accuracy for testing the real-time intensity of UV lamps.

Capable of in-situ measurement from nW/cm^2 to $20 W/cm^2$, depending upon the detector combination selected. The IL1400 radiometer is shown with the RAMP 'dip stick' probe for use in confined areas, the 2 mm thick SuperSlim flat probe for applications where there is minimal access, and the wavelength-specific XRL probes for UV and visible spot curing systems. The IL1400 automatically reads the type and calibration information from each detector's built-in memory, allowing use of different detectors to be easy and effective.

<p>XRL340A Photoresist Cell, with IPIR Irradiance Calibration. Measurement range: $52 nW/cm^2$ to $184 mW/cm^2$ Spectral range: 320-475nm.</p>	<p>XRL140B Photoresist Detector, IPIR Irradiance Calibration. Measurement range: $250 nW/cm^2$ to $87 mW/cm^2$ Spectral range: 326-401nm.</p>
<p>SEL005/WBS320/P8/RAMP18 (18") UV Curing Detector, IPIR Irradiance Calibration. Measurement range: $0.4mW/cm^2$ to $10 W/cm^2$(heat limited). Spectral range: 250-400nm.</p>	<p>SSL001A Super Slim Probe, IPIR Irradiance Calibration. Measurement range: $17 \mu W/cm^2$ to $0.9 W/cm^2$(heat limited). Spectral range: 260-400nm.</p>

Not all configurations shown. Call for more information