



International Light

International Light Radiometer/ Photometer Model 1400A

Pine Item # 54469

DESCRIPTION:

The IL1400 is a significant advancement in handheld radiometer technology in its ability to provide superior performance with no sacrifice of simplicity. A state-of-the-art microprocessor interrogates the 'smart' detector to determine correct display units. The display reads out directly in optical units, rather than scientific notation. Operating buttons are simple and straightforward.

The 'user friendliness' of the instrument opens it up to many applications in the health hazard, environmental and phototherapy fields, while its technical sophistication still lends itself to research and development applications.

The IL1400 also offers exposure integration for periods as long as 24 hours, often needed for controlling light sensitive exposure processes such as industrial photoresist, UV curing and photography.

FEATURES:

- 7 decade dynamic range
- NIST- traceable calibration
- Direct readings in any optical units
- 0.2% Linearity
- USB Output for Datalogging on Computer
- Membrane Keypad with Backlit Display
- NIST Traceable Calibration with Certificate
- Large Selection of Application-Specific and General Purpose
- Exposure Integration Up To 24 Hours
- Ambient/Dark Zeroing Capability
- Automatic Ranging and Shutoff
- Battery Powered
- Detector Memory Stores Units & Calibration

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Product Specifications

| | |
|----------------------|---|
| Dynamic Range | 10 pA to 350 mA |
| Linearity | $\pm 0.2\% \pm 1$ digit on the low end |
| Power | Four AA batteries 36 hours operation |
| Dimensions | US: 7.3 x 3.9" x 1.7" Metric: 185 x 99 x 43 mm |
| Weight | US: 1.2 lbs Metric: 0.54 kg |



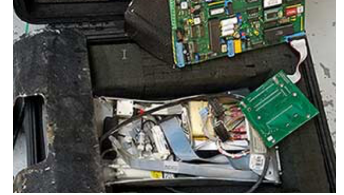
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan