

ABM, Inc.

Controlling exposure parameters in any photolithographic process greatly affects final results; more importantly, it affects total yields. The model 150 is designed to monitor the intensity of Near- UV, Mid UV and Deep UV lightsource systems as used in the microelectronics industry.

The model 150 is a hand-held, battery operated, portable intensity meter. Probes are easily interchangeable via a multi-pin connector. Sensor probes are available with peaked spectral responses at 220, 254, 260, 280, 310, 365, 400 and 436 nanometers.

Operators can quickly switch between the two spectrums by depressing the push-button sensor select. In addition, the dual channel sensor probes can be equipped with any of the mentioned spectral responses.

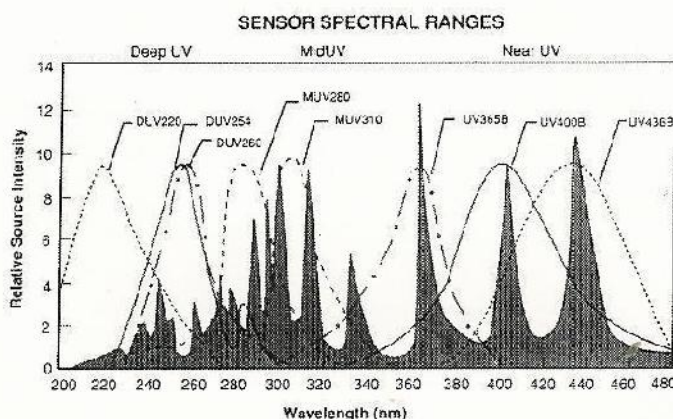
The Model 150 has operating ranges from 0 to 200 mW/cm² or 0 to 2.00 W/cm².

The instrument operates on a 9 volt transistor battery with typical life of more than 200 hours. It requires no user maintenance other than battery changes. ABM recommends semi-annual calibration checks to maintain NIST traceability.

MODEL 150 FEATURES:

- Light Intensity Measurement in mW/cm²
- Sensors for UV, Mid UV, and Deep UV Spectrums
- LCD Display
- 9 Volt Battery Operated, Portable System
- Used With Contact and Proximity Aligners
- Interchangeable Sensor Probes
- Compact, Hand-held Size

SENSOR SPECTRAL RANGES



Model 150 Digital Measurement System

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