

EASTCO LIMITED

Model 87 Digital Radiometer

A hand held digital radiometer that allows you to measure ultraviolet energy during actual PCB processing

The model 87 digital radiometer was designed especially for use in the production of printed circuit boards (PCB). With the Model 87, a user can accurately measure and control the intensity, direction, and consistency of ultraviolet energy which reaches exposed surfaces of the PCBs. Furthermore, a unique feature allows the user to check milliwatt and millijoule readings simultaneously without interrupting the millijoule count.

With the Model 87, you can check for uniform light distribution on exposure platform surfaces, ensures that the intensities of new bulbs are accurate, and predict when bulbs need replacing. The ultra-thin probe allows accurate measurement during actual PCB production without damage to mylar or platform surfaces.



Features :

Automatic shut-off after 15 minutes

Low battery indicator

Cables are reinforced to protect them against damage from vacuum draw frame

Digital display

Annual calibration service

Memorized integration value until reset

Specifications :

Sensitive wave length : *320-380nm Peak sensitive wave length
350-365 nm

Measurement mw/cm² : 0.1-199.9

Measurement mj/cm² : 1-1999

Accuracy :

Intensity (milliwatts) : 5%

Exposure (millijoules) : 5%

Measurement time : 3 seconds

Operating temperature range : 30-100°F

Dimensions : 5" x 3-1/4" x 2"

Weight : 16 oz. with probe

Probe Thickness : 187

*other ranges available upon request



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