



Product Description Sheet

EQ PM 20 UV AB Radiometer

Part # 2436353
North American Engineering Center

One Henkel Way
Rocky Hill, CT 06067
Technical Information Help Line 1-800-562-8483
www.equipment.loctite.com

PRODUCT DESCRIPTION

The Loctite® EQ PM20 UV AB Radiometer is an industry first for measurement of light sources and LED Light Curing devices that emit in the UVA & UVB wavelengths. The flat response curve makes this radiometer uniquely qualified to measure UVA & UVB wavelengths. The Radiometer can also be used with Curing Chambers, Conveyors, and Flood lamps. This unit combines the all-in-one exposure, intensity measurement, and profile memory capability into one device.



PRODUCT FEATURES

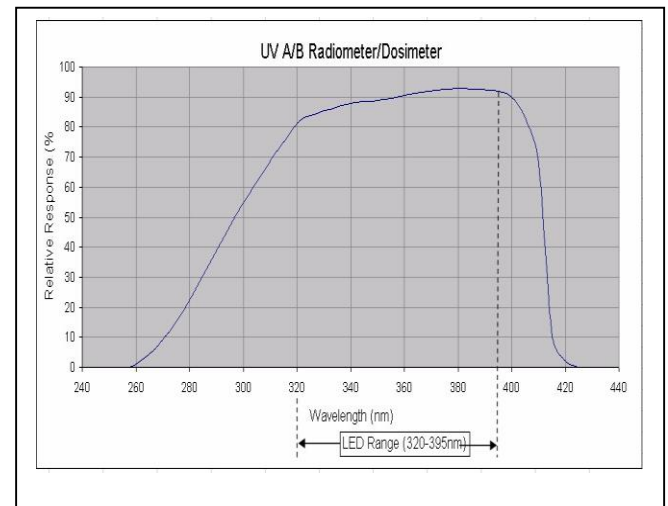
- Solid-state detector and ultra-stable amplifier technology to give lower noise, greater speed, and higher accuracy.
- Digital display of peak intensity and total exposure.
- Graphical display of intensity vs. time.
- Baseline profile reference plot allows on-the-spot comparison of the current performance of the curing unit with the base line.
- Built-in rechargeable battery with USB cable included.



Technical Data

- Spectral measurement ranges:
 - Total Range: 280 – 405 nm
 - LED Range: 320 – 395 nm.
- Intensity dose range: 5 mW/cm sq. to 40 W/cm sq.
- Temperature range: 10 – 50 Deg. C. (50 – 122 Deg. F.)
- Accuracy: Typically, better than 6%
- Digital display: 4 significant digits
- NIST Traceable Calibration
- Dimensions: 152.4 mm W x 101.6 mm D x 12.7 mm H
- Recommended calibration once every 12 months after unit is put into service.

Reference graphical display of irradiance vs. time



LED range: 320 - 395 nm

NOT FOR PRODUCT SPECIFICATIONS

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Document # 9002067, Rev. A, Date: 10/30/2018



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Radiometer includes

- Quick start manual
- USB Charger 2.0
- Carry Case
- Calibration Certificate

Optional Accessories (not included):

These Adapter / Filters allow for proper positioning of the UV Source – both heights offset and centering onto the Radiometer, so they are in the same position on the meter for every test measurement.

- 1403402 – adapter for UV 365 LED Spot Cure System 1076999,1538499 CL 10 Single LED Head 365nm,1984957 CL 25 LED Head
- 1421420 – adapter for 1369539 LED Cure Jet 375 Head, 2183339 CL 28 Cure Jet
- 2251337– adapter for 2182210 CL32 LED Spot System



Adapter # 1403402



Adapter # 1421420



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