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IND-MD-LM-SC-UV-R1

Handheld UV Light Meter - Far-UV, UVA, UVB, UVC - ±0.5nm Accuracy - Battery Powered

Product ID: 270408

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

IND-MD-LM-SC-UV-R1 UV Light Meter

Unit Type: Rechargeable Battery-powered UV Light Meter

Dimensions: 6.29" x 3.18" x 0.85"

Weight: 0.55 lbs

Voltage: DC

Accuracy: ± 0.5 nm

UV Type: Far-UV, UVA, UVB, UVC

UV Wavelength Range: 200nm - 400nm

Splitting Mode: Long-focus Cross Asymmetric CT Optical System

Sensor: High-precision CCD

Spectral Bandwidth (FWHM): 2 nm
Spectral Distinguishability & Repeatability: 0.2 nm X, Y Repeatability ± 0.0005
Irradiance: Class 1, (±4% Reading ±1 Digit)
TM-30 Chromaticity Parameters: Yes
Accuracy of Chromaticity Coordinates: ±0.0025 (Relative to the Standard Light Source with Stability Better Than ±0.0005 and NIM Traceable Calibrated Value)
CCT: 1,000K ~ 100,000K
Stray Light: 0.3%
Irradiance Measurement Range: 5 ~ 200
Receptor Window: Diameter 10 mm
Stray Light: 0.3%
Integration Time: 50s~10000 ms
Communication Interface: Type-C Port

Ratings/Features

Far-UV, UVA, UVB, UVC

Screen Size: 5.0" IPS HD LCD Touch Screen
Storage Capacity: Factory Standard 4G
Operating Temp Range: -10°C ~ +40°C
Relative Humidity: < 70% Non-condensing
Storage Temp Range: -20°C ~ +45°C
Materials: -
Mount: Handheld
Battery Type: 4,000mA Lithium-ion
Runtime: 10 Hours
Power Charger: Included

Special Orders - Special Requirements
Contact us for special requirements

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The Larson Electronics IND-MD-LM-SC-UV-R1 Handheld UV Light Meter is designed for testing the output of UV disinfection devices and units used for sanitation. Capable of detecting far-UV, UVA, UVB and UVC bands with ± 0.5 nm accuracy, the meter is powered by a 4,000mA lithium-ion battery. The rechargeable device offers 10 hours of runtime and comes with a charger.

The IND-MD-LM-SC-UV-R1 offers accurate testing of UV sanitation equipment in buildings. This battery-powered device can detect far-UV, UVA, UVB and UVC bands with ± 0.5 nm accuracy. Unlike UV light meters with limited UV detection ranges, this unit is capable of detecting far-UV wavelengths, such as 207 nm and 222 nm bands for sanitation. Equipped with long-focus cross asymmetric CT optical system for linearity, this unit features a 5.0" IPS HD LCD touch screen and an easy-to-use interface. The portable meter is powered by a built-in 4,000mA lithium-ion battery. On a full charge, the device offers 10 hours of runtime. A charger is included with the UV light meter.

Mount: This device is designed for portable, handheld use.

Suggested Applications: Industrial sites, manufacturing facilities, warehouses, outdoor areas, factories, farms, airports, gyms, offices, daycare centers, hospitals, workshops, labs, and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**