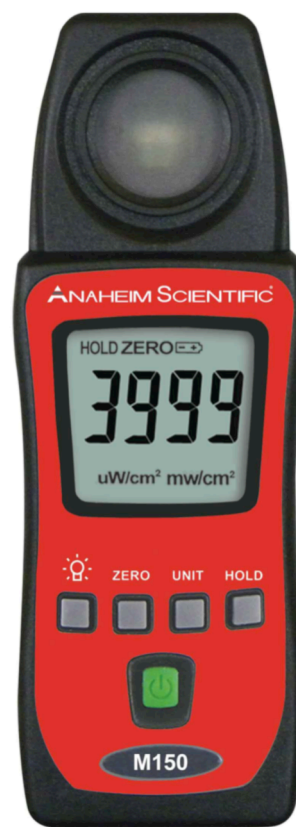# Mini UV-AB
Meter

Description:

The M150 provides professional high quality UV readings from a small compact meter. Durable, reliable, and easy to use, use the M150 features:

Features:

- Professional, high quality UV meter
- Ultra-violet irradiation measurement of UV
- UV detector spectrum from 290-390 nm
- Measurement range: 3999 µW/cm^2 and 39.99 W/cm^2
- Build Zero button
- Microprocessor circuit provides high reliability and durability
- Separate UV LIGHT probe allows user to measure the UV light at an optimum position
- Easy-read-read, large LCD
- Overload display [OL]
- Power off: Manual on/off by push button, or auto shut off after 15 minutes

Applications:

- Monitoring blue light radiation hazards in welding
- UV sterilization
- Graphic arts
- Photochemical matching
- UV EPROM erasure
- Photos resist exposure
- Curing of inks, adhesives and coatings
- Weathering "degradation studies"
- UV sterilization
- Virology
- Microbial genetics
- DNA research
- Biologic hoods
- General laboratory use

Technical Specifications

Accuracy	±4% + 2 digits in sunlight (15% for other light sources)
Range	3999µW/cm^2 ~39.99mW/cm^2
Accuracy Attenuation	< ±3%/year
UV Spectrum	290 nm to 390 nm
Peak Sensitivity	Wavelength of 365 nm
Display	3-¾ digits LCD with maximum reading 4000
Units	µW/cm^2 and mW/cm^2
Sampling Rate	About 3 seconds
Power Supply	2 batteries 1.5V AAA
Battery life	50 hours during consecutive use
Operating Conditions	5°C ~ 40°C, <80% RH, ≤2km altitude
Storage Conditions	-10 to 60°C, <70% RH
Dimensions	133 × 48 × 27 mm (H × W × D)
Weight	90g
Accessories	User manual, 2x 1.5 AAA battery, and carrying case
Warranty	Limited two-year warranty

Includes:

- Meter
- User Manual
- Carrying Case
- 2x 1.5V AAA Batteries

This instrument conforms to:

- This meter is EMC compliant and has undergone tests according to EN61326 (1997) + A1 (1998) + A2 (2001)
- CE

Mouser Electronics

Authorized Distributor

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