

Acumen³⁶⁵ UV-A Meter



The Acumen³⁶⁵ is a battery powered handheld UV-A meter / photometer used to measure ultraviolet -A light, used for fluorescent inspection (non-destructive testing). The Acumen365 includes dual wavelength sensor detector used to measure both Ultraviolet and Visible light.

The compact size, shape and its lightweight make this device ideal to use for applications in industrial plant or in the research labs, where the intensity measurement of UV-A and visible lights is required.

The sensor part of Acumen³⁶⁵ includes digital UV-A sensor with UV-A pass filter which pass only UV-A wavelength and block other wavelength, unit also include digital white light sensor with visible light pass filter which passes 420-760 nm visible wavelength only.

Salient Features:

- Large Colorful LCD Screen Display.
- Compact & Handheld.
- One-meter flexible & detachable probe.
- Rechargeable Li-ion Battery.
- Continues 8 hours of battery backup in a single charge.
- USB C port for battery charging.
- Supplied with a protective carrying case.
- Able to measure both UV-A and visible illuminance.
- Visible light measurement in LUX as well as in Foot-candle.

Technical Specifications:

Spectral Range	UV-A Sensor: 290-395 nm	Visible sensor: 380-750 nm
Measuring Range	UV-A (365 nm): 0-15 mW/cm2	Visible (555 nm): 0-5300 LUX (0- 500fc)
Accuracy	±5% of reading	
Display	160x128 dot pixel TFT Display	
Power Requirement	3.4V, 1000mAh Li-ion rechargeable Battery	
Dimension (LxWxH)	Reader Unit: (146x85x25)mm	Sensor Unit : (69x50x20) mm
Operating Temperature	10°C to 50°C	
Battery Charging Time	3.5 Hrs.	
Weight	325 gm (0.717 lbs.)	

Kit Contains:

- Acumen³⁶⁵ UV-A meter
- Charging adaptor & USB A to USB C cable
- Certificate of Conformance
- Operating Manual



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