Acumen[365] UV-A Meter

The Acumen365 is a battery powered handheld UV-A meter / photometer used to measured 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:

- Big and colorful LCD screen Display
- Compact & light weight
- Rechargeable Li-Ion Battery
- Continues 8 hours of battery back up in single charge
- 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: 450-690 nm
Measuring Range	UV-A (365 nm): 0-15 mW/cm2 Visible (555 nm): 0-5300 LUX (0- 500fc)
Accuracy	±5% of reading
Display	128 x 64 dot pixel TFT Display
Power requirement	7.4V ,1200 mAh Li-ion rechargeable Battery
Operating Temperature	+10°C to +50°C
Dimension	Reader Unit(LxWxH):(146x85x25)mm Sensor Unit (LxWxH) :(69x50x20) mm
Weight	300 gm (0.661 lbs.)

Kit Contains:

- Acumen 365 UV-A meter with integrated sensors
- DC Charger
- Certificate Of Conformance
- Operating manual

ARORA
Arora Technologies (P) Limited

Plot No. D-183/8, MIDC, TTC Nerul, Navi Mumbai, Maharashtra 400706, India
T: +91 22 6138 0600 | **E**: info@arorandt.com | **W**: www.arorandt.com

CE

MADE IN INDIA