

ULM

LUX & UV Measurement

The ULM is a battery powered unit primarily for making Lux and UV spot checks around the site. There is the option for adding a temperature and humidity probe.



LUX



UV

Features

- ✓ British made
- ✓ High Performance LUX and UV sensors
- ✓ Portable
- ✓ Optional temperature and humidity probe

Typical Applications

- Spot-check light measurements
- Museums
- Archives
- Galleries

Instrumentation specification

Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	3.6V AA Lithium battery
Case material	ABS & PC

*Note: Instrument operating range -20°C to +65°C in a non-condensing RH environment.
Accuracy is un-calibrated; accuracy can be improved with calibration and adjustment*

LUX sensor specification

LUX sensor	Photometric diode detector
Visible wavelength	400 to 700nm
Visible range	10 to 5000 LUX
Colour response	Human eye (Match to CIE Curve = 5%)
Linearity	1%
Angular response	Cosine

UV sensor

Type	Silicon Carbide
UV Proportion	Greater than 10 µW/Lumen
UV Power	0 to 8000 mW/m ²
UV Wavelength	250 to 400 nm
UV Accuracy	10 mW/m ² +/- 1% reading (Calibration spectrum)

Indicator Functions

LCD Display	
Battery Life	24 months
Accessories	<ul style="list-style-type: none"> • G022 - 1 x 9V PP3 Alkaline battery. • Y405-3-01 - Remote RH/T probe with 3 metres of cable.



Product code: ULM

Schematic



Artificial and/or natural light



The ULM sensor captures LUX and UV data via the remote sensor and displays the data on the unit LCD display.