

# Uve-Lux Meter

## UV and white light dual function meter

The Uve-Lux is a compact, lightweight and robust meter specifically designed for the non-destructive testing (NDT) environment. It uses a single sensor to measure UV and white light at the same time.



### FEATURES

- Single sensor measures UV and white light at the same time.
  - » The spectral response of the white light sensor conforms closely to the CIE  $V_{\lambda}$  curve.
  - » The UV sensor is only sensitive to UV(a) with the peak response at 365nm.
  - » Sensors conform to BS ISO 3059.
- LCD colour display with wide viewing angle (320 x 240 pixel, 2.8" / 7cm).
  - » Easy to operate
  - » Auto-ranging on both UV and visible scales.
  - » Menu-driven setup.
  - » 'Auto Hold' function to record maximum settings.
- Meets the requirements for non-destructive testing viewing conditions for penetrant and magnetic particle inspections (ISO 3059).
- Rechargeable battery via mains or USB.
- Dust/splash proof case protected to IP65.
- Calibration expiry alarm.

### PRODUCT PROPERTIES

	Visible light	UV(a) light
<b>Measuring unit</b>	Lux or fc	$\mu\text{W}/\text{cm}^2$
<b>Measuring range</b>	0.1 lux to 5,000 lux	$1 \mu\text{W}/\text{cm}^2$ to $10,000 \mu\text{W}/\text{cm}^2$
<b>Resolution</b>	0.1 lux	$1 \mu\text{W}/\text{cm}^2$
<b>Accuracy</b>	< 5%	< 5%

<b>Electromagnetic compatibility</b>	Compliant to EN 61326-1: 2013
<b>Battery</b>	2 x AA NiMH/primary
<b>Current drain</b>	< 250 $\mu\text{A}$ in shutdown mode
<b>Case dimensions</b>	155 x 95 x 35 mm (not including the probe)
<b>Probe dimensions</b>	85 x 46 x 16 mm
<b>Weight</b>	350g including battery
<b>Moisture/dust tightness</b>	IP 65

### PART NUMBER

017B012