

Uve-Lux

Evolution

Digital Radiometer/Photometer
Dual Sensor



RSL NDT LTD

NDT / RENTAL / EQUIPMENT / MAINTENANCE / CALIBRATION



GET IN TOUCH

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Key Features

Digital Radiometer/Photometer features an advanced microprocessor-controlled readout unit with a dual-wavelength sensor to measure both Ultraviolet and visible White Light. UVe-LUX is a compact, lightweight and robust meter specifically designed for the NDT environment.

- Provides readouts for UV-A and White Light
- Log up to 1000 results and export to excel via USB PC Connectivity.
- Overall accuracy within $\pm 5\%$.
- Complies with **BS EN ISO 3059** and **BS667** specifications.
- User-defined power save with automatic shutoff.
- Rugged meter housing with dust/splashproof case protected to IP65.
- Sealed sensor housing and USB Connection with water-resistant adaptor.
- Compact, lightweight and battery-operated for convenient use in the factory, field or other locations.
- Rechargeable battery via Mains Charger or USB, with Battery life >20hrs.
- Comes with a readout unit. Dual-wavelength sensor which is hardwired, USB cable, charger and Carrying case.

Dual Sensor



- Single sensor measures UV and white light simultaneously – no repositioning required.
- The spectral response of the white light sensor conforms to the CIE $V(\lambda)$ curve.
- The UV sensor is only sensitive to UV-A light with a peak response at 365nm.

LCD Screen



- LCD colour display with wide viewing angle. (320 x 240 pixel, 2.8 in/7cm)

Easy To Operate



- Menu-driven setup
- Auto-ranging on both UV and visible scales
- Automatic zeroing, integration and signal hold.

Specifications

Read Out Unit	
Screen	4-digit auto ranging display
	18x64 dot pixel chip on glass
	STN transmissive color LCD 2.8" (7.1cm) backlit illumination.
Power Requirements	2 x AA NiMH/Primary
Dimensions	95 x 155 x 35mm
Weight	320g
Dual UV-A/Visible Sensor Detector	
Irradiance range	
UV-A Sensor	1-10 000 Mw/cm ²
Visible Sensor	0.1 – 5000 Lux
Spectral Range	
UV-A Sensor	320-400nm
Dimensions	85 x 46 x 17cm
USB Cable Length	735mm



Confirmed to ISO 3059



MADE IN THE UK.

Spectral Response

