



LUMACHECK

DUAL UV & WHITE LIGHT CHECKING

- Excellent results accuracy.
- Dual sensor.
- Interchangeable sensor allows the LumaCheck to operate continuously.
- Lightweight and compact.
- Battery operated
- Ergonomically designed with protective rubber boot.
- Full colour programmable display.
- Separate probe & separate cable for convenience & lower replacement costs.



The LumaCheck Dual UV and White Light Meter has been designed to offer the user the most accurate results and versatile calibration options available on the market.

The LumaCheck is a unique system design, since it is the Sensor that stores the calibration details, not the Instrument itself, meaning that only the Sensor needs to be sent for calibration subject to the standards that your facility operate in accordance with.

This allows the unit of the LumaCheck to be “hot-swapped” with another sensor and remain in continuous use.

LUMACHECK STANDARD KIT

The LumaCheck comes as a complete kit, which includes:
LumaCheck Unit, Sensor Head, Sensor Cable, Blue Rubber Boot, 2 x Non-Rechargeable AA Batteries, Carry Case, Quick Reference Guide and the LumaCheck Manual.

The LumaCheck not only has a detachable Sensor Head, but also offers a detachable cable too allowing all features of the LumaCheck to be interchanged.

If the operator has two Sensors with the LumaCheck, this interchangeability means that operators need not be without a functional light meter during calibration.

The LumaCheck is housed in an extremely robust and high quality casing and as an exclusive Baugh & Weedon design it comes with the guarantee of high quality and renowned calibration services.



SPECIFICATION

General	Measuring Range:	White Light UV Light	5 lux to 10,000 lux 0 to 10,000 $\mu\text{W}/\text{cm}^2$
	Resolution:	White Light UV Light	0.1 lux below 10 lux. 0.15 to 10 $\mu\text{W}/\text{cm}^2$ (micro watts per square centimetre).
	Units	White Light UV Light	Foot Candles (ft-c or fc or lm/ft) or Lux. $\mu\text{W}/\text{cm}^2$ (micro watts per square centimetre).
Unit	Display		2.8" (70mm) 320 x 240 pixels colour display. LCD with selectable backlight.
	Screen		5 readings per second.
	Conversion Rate		100ms
	Resolution		Up to 0.1 Lux & 0.1 $\mu\text{W}/\text{cm}^2$ (configurable)
	Dimensions		163mm(h) x 80mm (w) x 25mm(d). With rubber boot = 168mm(h) x 85mm(w) x 30mm (d).
	Weight		350g (0.77 pounds) including batteries.
	Power		2 x 1.5 V AA Alkaline Batteries.
	PC Connectivity		USB or mains charging capabilities
	IP Standard		IP54
Sensor Head	Resolution		Settable in Menu System
	Overall Accuracy		+/- 3% measured against primary standard
	Temperature Coefficient:		less than +/- 0.01%/C (0°C to 50°C)
	Irradiance range:		UV-A - 0 - 10000 $\mu\text{W}/\text{cm}^2$, Visible - 0 - 10000 lux
	Spectral range:		UV-A - 320-400nm, Visible - 460-680nm

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