ML4703 data logger

Pro ML4700 LUX/UV Series

LUX

UV

Data logger

Part of the **Hanwell Pro** ML4000LUX/UV series, the ML4703 data logger accurately measures light (LUX) and UV using onboard sensors.

Features

- ✓ Accurate light (LUX) and UV measurement
- ✓ Superior performance hardware & high accuracy sensors
- ✓ Easily accessible battery & USB socket
- ✓ Logger memory capacity of 50,000 readings per channel
- ✓ Up to 3 year battery life
- ✓ Complies with RoHS, EU & WEEE directives
- ✓ Carries CE Marking

Typical Applications

- Museum artefact preservation
- Medical supply storage

Free HanLog software

Compatible with Hanwell EMS

Product code: ML4703

Instrumentation specification	
Dimension (Excl. ancillaries)	110 x 80 x 35mm
Weight	200 grams
Power supply	1 x 3.6V AA Lithium battery
Case material	ABS & PC
Memory capacity	50,000 readings per channel (unit can be set to wrap or stop when full)
Clock accuracy (logging)	20ppm @ 25°C
IP Rating	IP30
Instrument operating range	0°C to +50°C in a non-condensing RH environment
Storage temperature	-40°C to +60°C

Data Logger Functions	
Memory	4MB Flash
Logging Intervals	Programmable from 10 seconds to 24 hours
Record Capacity	50,000 readings per channel
Battery life	Up to 3 years (dependent on conditions of use and instrument settings)
PC Interface	USB Communications
Software required	W200 – HanLog 4.5+ Software Package

Accessories	
88706	3.6V AA Lithium battery
Y055	USB cable
Y119	Wall mount bracket

Manufactured by Hanwell | Ellab CE RoHS

Version 3 - EC190194

hanwell.com

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Sensor options (supplied with unit)

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
Long term drift	<1%FS per year

UV sensor	UV Silicon carbide
UV Power range	20 to 2000 mW/m2
UV Wavelength	215 to 365nm
Linearity	1%
Angular response	Cosine
Long term drift	<1%FS per year

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