

1339P Photosynthesis Light Quantum Meter



FEATURES :

- » Dual Display, 4 digit LCD reading.
- » Spectral Sensitivity close to CIE photopic Curve.
- » Measuring Level Range: 0.01 to 999900 Lux, 0.001 to 92920 fc, Autoranging 5 steps and conversion to $\mu\text{mole}/\text{m}^2/\text{s}$ (PPFD: Photosynthetic Photon Flux Density).
- » Accurate and Instant response.
- » Integral illuminance measurement and conversion to $\mu\text{mole}/\text{m}^2/\text{d}$ (Daily light integral).
- » Luminous intensity measurement.
- » Data Hold function.
- » Data memory and read function.
- » Reference value stored for relative or percentage deviation measurement.
- » Ripple measurement for STRAY + LIGHT function.
- » Time-hold function.
- » Point - average function., Comparator function.
- » Spectral correction factor function. (include LED)
- » Auto power off function. » Backlight display function.
- » Auto datalogging & USB interface.



SPECIFICATIONS :

Display	Dual display 4 digit LCD reading.
Measuring Range	99.99, 999.9, 9999, 99990, 999900 Lux 9.292, 92.92, 929.2, 9292, 92920 fc Auto ranging (5 step) (1 fc = 10.76 Lux)
Overrange Display	OL is displayed
Resolution	0.01 Lux, 0.001 fc
Accuracy	$\pm 3\%$ rdg ± 5 dgt (Calibrated to standard incandescent lamp, 2856K)
CIE photopic f '1	$\leq 6\%$
Temperature Characteristics	$\pm 0.1\%$ / °C
Measuring Rate	Approximately 5 time/sec
Photosensor	Silicon photodiodes
Data Memory Capacity	99 sets. (Direct reading from LCD display)
Data Logger Capacity	40,000 sets.
Operating / Storage Conditions	0°C ~ 40°C <80% RH / -10°C ~ 50°C <70%RH
Power Source	6 pcs AAA size Battery
Battery Life (typical)	100 hours
Photosensor Lead Length	150 cm (approx.)
Photosensor Dimensions	92(L) × 60(W) × 29(H)mm
Dimension	150(L) × 72(W) × 35(H)mm
Weight	320g
Accessories	Carrying case, Instruction manual, Battery, CD software, RS232 to USB cable.

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