

Light, Lux, Irradiance, PAR, UVA, UVB & UVC Portable Meters and Transmitters

HD2102.1 Quantum-Photo-Radiometer HD2102.2 Data Logger Quantum-Photo-Radiometer



Features:

- Radiometric, Photometric, UV and PAR measurements **with the relevant optional probes**
- Spectral response to CIE Photopic curve
- Integration time 1 sec to 20 hrs
- Max, min and Q (energy) record
- 4½ digit dual LCD display
- 38,000 reading memory (HD2102.2 only)
- Temperature with optional probes

Specification: (with optional separate probes)

Lux -	0 ~ 200,000 lux (400 ~ 760nm)
Radiometric -	0 ~ 2000W/m ² (400 ~ 1050nm)
UVA -	0 ~ 2000W/m ² (315 ~ 400nm)
UVB -	0 ~ 2000W/m ² (280 ~ 315nm)
UVC -	0 ~ 2000W/m ² (220 ~ 280nm)
PAR -	0 ~ 10,000 μmol/m ² s (400~700nm)
Accuracy -	Radiometric <5% / Lux <4%

C/w carry case (HD2102.2 includes software)

TM-209 LED Light meter

Features:

- Reading LED white light and all visible light. Cosine angular corrected
- JISC 1609:1993 and CNS 5119 A class
- Silicon photodiode sensor with filter
- Max, Min and Average hold function
- Data Hold and Zero adjust
- 3½ digit LCD, 4000 count

C/w carry case, battery and sensor

Specification:

Ranges -	0 ~ 40 / 400 / 4000 Lux 0 ~ 40,000 / 400,000 Lux 0 ~ 40 / 400 / 4000 / 40,000 fc
Accuracy -	± 3% (Incandescent lamp 2856°K) and corrected LED day white light ± 6% (Other visible light sources)
Resolution -	Best 0.01 lux on 40 Lux range 1000 lux on 400k range



TM-203 Light meter - Data Logger



Features:

- Real Time clock and RS232
- 18,724 reading memory
- Reading in Lux or foot/candles (Fc)
- JISC 1609:1993 and CNS 5119 A class
- Silicon photodiode sensor with filter
- Cosine angular corrected
- Max, Min and Data hold function
- 3½ digit LCD with Zero adjust

C/w carry case, software, RS232 cable and sensor

Specification:

Ranges -	0 ~ 20 / 200 / 2000 Lux 0 ~ 20,000 / 200,000 Lux 0 ~ 20 / 200 / 2000 fc 0 ~ 20,000 fc
Accuracy -	± 3% (Incandescent lamp 2856°K) ± 6% (Other visible light sources)
Resolution -	Best 0.01 lux on 20 Lux range 1000 lux on 200k range

HD2021T Light Transmitters

Specification:	HD2021T	HD2021T1	HD2021T2	HD2021T3	HD2021T4	HD2021T5	HD2021T6
Measurement	Lux	Irradiance	UVA	UVB	UVC	UV	Luminance
Range	0~2K / 200K	0~2000W/m ²	0~2000W/m ²	0~2000W/m ²	0~2000W/m ²	0~2000W/m ²	200,000cd/m ²
Spectral range	CIE Curve	450~950nm	315~400nm	280~315nm	190~280nm	400~900nm	CIE Curve
Viewing angle	Corrected in accordance with Cosine law						20° CIE88/90
Output	0 ~ 10V DC (others on request and depending on quantity)						
Power	16 ~ 40V DC / 10mA reverse polarity protected						
Dimensions	58mm x 65mm x 52mm						58x65x145mm
Environment	IP67 / -20 ~ +60 °C						
Cable length	Maximum 150m						



Pyranometers and Albedometers also available for Solar Radiation

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