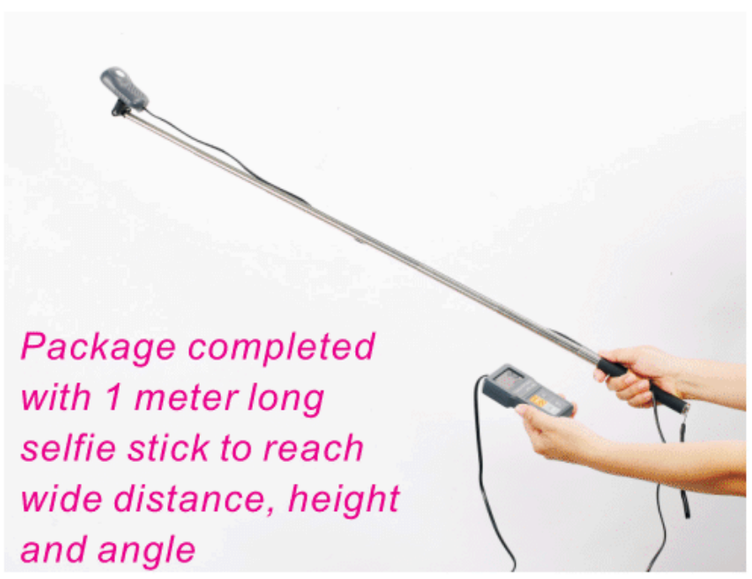
QUANTUM PAR METER





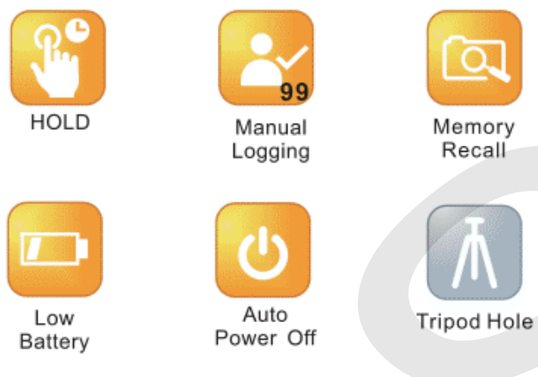


Detachable RJ11 cable



Detachable full-spectrum PAR meter 8583

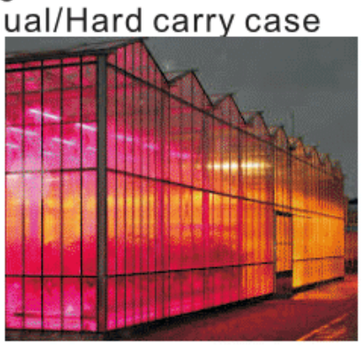
- ■Stable measurement of photosynthetically active radiation (PAR, PPFD Photosynthetic Photon Flux Density)
- ■High accuracy PAR measurement for 400 to 700nm under all light sources, including LEDs
- ■Provided with 2 high quality RJ11 ethernet cable:
  *12 ft straight cable for extended stick and
  *4.9 ft coil cable for handheld



Model	8583
Spectral Range	400±10nm ~ 700±10nm
Measurement Range	0~4000μmol/m²/sec
Display resolution	0.1μmol/m²/sec for 0~999 , 1μmol/m²/sec for 1000~4000
Accuracy	±5 or ± 5% of reading, whichever is greater
Repeatability & Non-linearity	±1 μmol/m²/sec Less than 3 % (up to 4000 μmol/m²/sec)
Long-term Drift per Year	Less than 2 % per year
LCD update time	0.5 second
Field of View	180°
Directional (Cosine) Response	± 5 % at 75° zenith angle
Calibration Uncertainty	±5%
Temperature Response	±0 . 02%per °C
ZERO function	YES
RESET function	YES
LCD size	25(H)x40(W)mm
Operating temp.	0~50°C
Operating RH%	Humidity<80%
Storage temp.	-10~50°C
Storage RH%	Humidity < 90%, no condensation
Dimension	Meter:115(L)x60(W)x24(H)mm PAR sensor:80(L)x45.6(W)x26(H) mm
Cable	12 ft straight RJ11 cable , 4.9 ft coiled Rj11cable
Selfie stick	22 cm storage , 100cm extended
Weight	~115g (w/o battery and cable)
Power Supply/Consumption	AAA battery x 2pcs, less than 10mA
Standard Package	Meter/PAR sensor/Straight cable/Coiled cable/ Selfie stick/Battery/Manual/Hard carry case







Ordering Code

VZ8583AZ, detachable PAR meter
VZ8583PAZ, PAR sensor with coil cable and straight cable

***Available for EB project**

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