

# QUANTUM PAR METER

## Pocket size wide range full-spectrum PAR meter 8584



8584

- 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
- Big LCD to provide clear view for any angle
- Using HOLD function to check PAR in any emission direction and check later



HOLD



Manual Logging



Memory Recall



Auto Power Off



Low Battery



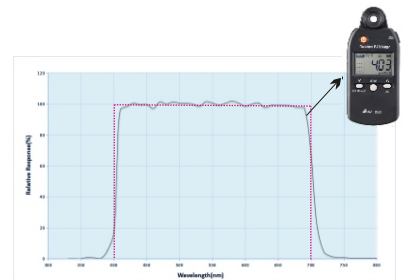
MAX/MIN



AVG



Tripod Hole



Screw mount hole for tripod



Last 4 logged records

MAX/MIN/AVG since power on

Model	8584
Spectral Range	400±10nm ~ 700±10nm
Measurement Range	0~5000µmol/m <sup>2</sup> /sec
Display resolution	0.01µmol/m <sup>2</sup> /sec for 0~99.99 ,0.1 for 100~999, the rest is 1
Accuracy	±5 or ± 5% of reading, whichever is greater
Repeatability & Non-linearity	±1 µmol/m <sup>2</sup> /sec Less than 3 % (up to 4000 µmol/m <sup>2</sup> /sec)
Long-term Drift per Year	Less than 2 % per year
LCD update time	1 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	27(H)x48(W)mm
Operating temp.	0~50°C
Operating RH%	Humidity<80%
Storage temp.	-10~50°C
Storage RH%	Humidity < 90%, no condensation
Dimension	Meter:150(L)x65(W)x24(H)mm
Tripod mount hole	YES
Weight	~100g
Power Supply/Consumption	AAA battery x 2pcs, less than 5mA
Standard Package	Meter with built-in PAR sensor/Battery/Manual/soft carry pouch/paper box



### Ordering Code

VZ8584AZ, Pocket PAR meter