

# Pyranometer FMP3

## Features

- ISO 9060 Second Class pyranometer
- High quality, durability and accuracy
- Easy way of leveling the instrument
- No power required

This FMP3 pyranometer (ISO 9060 Second Class) is an instrument for measuring the solar irradiance and well known for their high quality, durability and accuracy. The sensitivity is approximately 7 mV/kW/m<sup>2</sup>. This sensor does not require any power. FMP3 can be found in weather stations, routine monitoring in solar energy installations and so on.



## Specifications

Pyranometer FMP3 (ISO9060 Second class)	
Spectral range	300 to 2800 nm
Sensitivity	Approx. 7mV/ kW/m <sup>2</sup> *Each has an individual calibration factor / sensitivity.
Maximum operational irradiance	2kW/ m <sup>2</sup>
Response time	<16 s (95%)
Non-linearity (100 to 1000 W/m <sup>2</sup> )	±2%(0~1kw/ m2)
Field of view	180°
Temperature response	±5%(-10~40°C)
Non-stability	<1%/year
Ingress Protection rating	IP67
Operation temperature range	-40 to 80°C
Dimensions	Approximately φ110×84H(mm) Glass dome : φ 32
Weight	0.3kg
Accessory	Sun screen, Pyranometer Fixing kit, 10m of signal cable