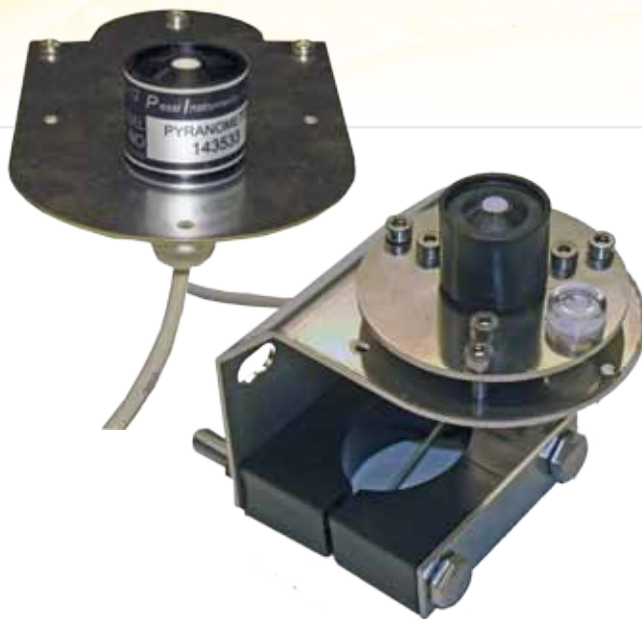


Pyranometer Sensor

IM506D
 IM507D
 IM508D
 CZ-LITE
 CMP3
 CMP6
 CMA6
 LP02



IM506D

IM5069D

The IM506D Pyranometer is designed for field measurement of global solar radiation in agricultural, meteorological, and solar energy studies. In clear, unobstructed daylight conditions, the Pessl Instruments pyranometer has favourable results compared to the first class thermopile-type pyranometers but is priced at a fraction of the cost.

Sensor	LI-200SZ
Calibration	Calibration against Kipp and Zone CMP3 under daylight. Absolute error max. 5%, typically 3%
Stability	2% drift on 2 years use
Time to measure	10 μ s
Temperature dependency	0.15% per Centigrade
Cosines correction	Sensor corrects up to 80° degrees
Direction error	1% through 360 degrees at 45°
Working temperature	-20°C to 65°C
Relative Humidity	0 to 100%
Sensor	Photodiode
Housing	Weatherproof PAS case with acrylic diffuser, stainless steel hardware
Size	12.68 cm length x 4.50 cm height
Weight	114g
Evaluation	Pulse Wide Modulation 0-80% = 0-2000 W/m ²
Spectral range:	300-1100 nm
Part.no. IM506D	Pyranometer (Solarimeter) „Economic“
Part.no. IM5061D	Pyranometer (Solarimeter) „Economic“ with 5 meter cable
Part.no. IM5069D	Pyranometer (Solarimeter) „HP“ with leveling plate, holder and 5 meter cable