

SPLT400 Solar Irradiance Meter

Determine where solar panels should be installed (irradiance, temperature, inclination, direction) for maximum efficiency

Features:

- Simultaneously display irradiance and temperature or tilt angle and compass
- W/m² readout
- 300ms sampling time
- Cosine corrected silicon photodiode sensor
- Tilt measurement range from -90° to 90°
- Compass azimuth function
- Switchable temperature measurement (°F/°C)
- Data Hold freezes the display for easy viewing
- Low battery indicator
- Includes sensor with 6.6ft (2m) sensor cable, (4) AA batteries and carrying case
- 2-year warranty

Applications:

Solar panel installation, agriculture, meteorology, optical and physics laboratories, high performance window manufacturing for automotive and building industries

Specifications

Range	1400W/m ²
Resolution	1W/m ²
Accuracy	±5%
Spectral Response	320 to 1100nm
Sampling Time	approx. 300ms
Temperature	-22 to 212°F (-30 to 100°C)
Resolution	0.2°F/0.1°C
Accuracy	±2°F/1°C
Inclination	-90° to 90°
Resolution	0.1°
Accuracy	±1.5° (32 to 122°F/0 to 50°C)
Compass	0 to 360°
Resolution	1°
Accuracy	±7°
Power	(4) AA batteries
Dimensions	6.9 x 2.8 x 1.8" (175 x 70 x 45mm)
Weight	10oz (286g)



Ordering Information:

SPLT400 Solar Energy/Irradiance Meter

