



SOLAR RADIATION SENSOR TS301

The TECMES Radiation Sensor, model TS 301 is an instrument for measuring global solar radiation in the spectrum 385 to 2105 nm. A thermocouple system measures radiation up to 2000 W / m² with a response time of 18 seconds.

A glass dome protects the sensor from external influences.

The sensor is specially developed for use in weather stations, agriculture, solar system monitoring, industrial applications, etc.



Support

SPECIFICATIONS

Class:	C
Range:	0 to 2000 W/m ²
Spectral response:	385 to 2105 nm
Output:	0 - 90mV
Sensor:	termopile
Linearity:	1%
Response time:	18 seg
Cable:	5m
Operating Temperature:	-50 to +80 °C

ACCESSORIES

- AS 237 multiple support

**Other specifications and ranges available upon request.*