

# Technical Data

## Pyranometer CMP-3



### inkl. amplifier

CMP-3 is a pyranometer according to ISO-9060 Second Class standard. It is measuring the irradiance on a plane surface from radiant fluxes in the wavelength range from 310 to 2800nm by means of a thermopile element. This makes the CMP-3 ideal for meteorological routine measurements which require neither a First Class nor a Secondary Standard instrument.

Sensitivity	5...20 $\mu$ V/Wm <sup>2</sup>
Spectral Range	310 ... 2800nm
Max. Irradiance	2000 W/m <sup>2</sup>
T.C. of Sensitivity	+/-5% (-10°C ... 40°C)
Operating Temperature	-40°C ... 80°C -40°F ... 176°F
Non-stability (change/year)	+/-1%
Non-linearity (0-1000 W/m <sup>2</sup> )	+/- 2.5%
Tilt response	+/- 3% (at 1000 W/m <sup>2</sup> )