

TRP-2

Temperature and PAR Probe

For use with our range of CO₂ infrared gas analyzers

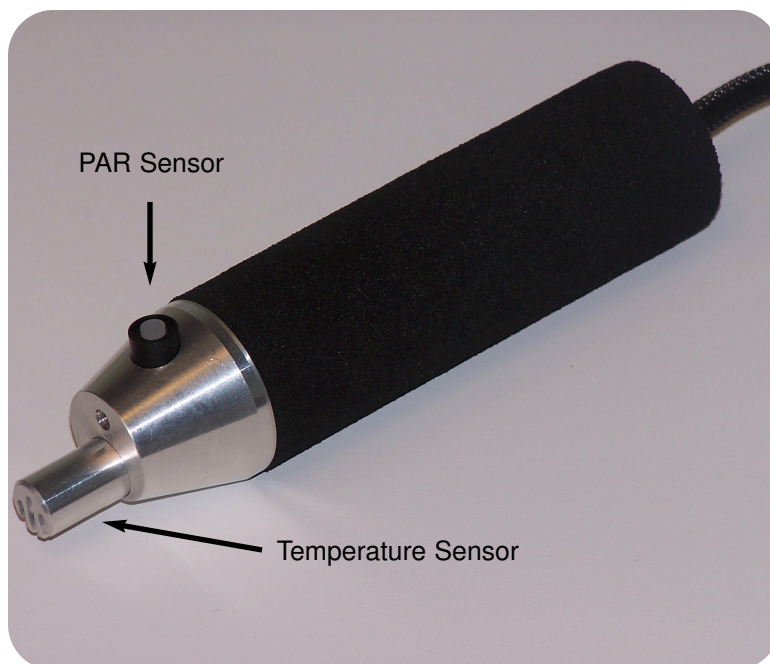
For over 25 years, PP Systems has been manufacturing high quality instrumentation and environmental sensors for researchers worldwide.

The TRP-2 is designed for use with the EGM range of CO₂ gas analyzers for measurement of temperature and PAR (Photosynthetically Active Radiation). However, it can also be used with the SBA, WMA and CIRAS range of gas analyzers (adapters may be required).

The TRP-2 is supplied with sample gas tubing to connect up to the infrared gas analyzer. The analyzer draws the air sample over the temperature sensor located at the probe tip. The temperature sensor is protected by an aluminum cover.



EGM-4 Environmental Gas Monitor



Technical Specification

Construction

Rugged, aluminum housing with black foam. A standard 1/4" tripod thread is built into the probe for use with tripods.

Temperature Sensor

Precision Thermistor

Range: 0-50 °C

Accuracy: +/- 0.3 °C at 25 °C

PAR Sensor

Filtered silicon cell (fully cosine corrected)

Range: 0-3,000 $\mu\text{mol m}^{-2} \text{s}^{-1}$

Accuracy: +/- 10 $\mu\text{mol m}^{-2} \text{s}^{-1}$

Output

0-1V Linear

Cable Length

1 Meter.

Connector

15 pin D connector (for use with EGM-4)
An adapter is required for use with other instruments.

Operating Temperature Range

0-50 °C

Dimensions

16.5 cm Length x 3.86 cm Diameter

Weight

244 g

PP Systems is continuously updating its products and reserves the right to amend product specifications without notice.



The TRP-2 can be used with the CIRAS-2 Portable, Differential CO₂ & H₂O Gas Analyzer

For further information,
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