

OP-2

Oxygen 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 **OP-2** is designed for use with the EGM range of CO₂ gas analyzers for measurement of oxygen. However, it can also be used with the SBA, WMA and CIRAS range of gas analyzers (adapters may be required). The **OP-2** is a sensor that plugs directly into the EGM-4 and is designed to sample the air which is drawn directly over the sensor. The probe itself is mounted in a rugged aluminum enclosure that also includes the required electronics.



EGM-4 Environmental Gas Monitor with OP-2 Oxygen Probe



Technical Specification

Construction

Rugged, aluminum housing

Sensor Type

Electrochemical cell

Measurement Range

0-30% O₂
0-100% O₂ (optional)

Accuracy

Typically 1% of calibration range

Sensor Lifetime

Approximately 900,000 hours (approximately 5 years at ambient levels)

Calibration Interval

Every 3 months

Power Supply

12V DC (Unregulated)

Output

0-1V Linear

Connector

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

Operating Temperature Range

5-40 °C

Dimensions

9 cm (H) x 5 cm (W) x 5.3 cm (D)

Weight

422 g



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

For further information, please contact us at:

PP SYSTEMS

110 Haverhill Road
Suite 301
Amesbury, MA 01913 U.S.A.

TEL +1 978-834-0505
FAX +1 978-834-0545
EMAIL sales@ppsystems.com
URL www.ppsystems.com

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