

QUALITY YOU CAN COUNT ON.

Inert Oxygen and Moisture sensors offer unparalleled performance in the monitoring of oxygen and moisture levels in critical process applications. We can provide oxygen and moisture measuring solutions for use with any Glovebox system. Ask about our exchange program.

EOS-1 ZIRCONIA OXYGEN SENSOR



Key features:

- Measurement range: 0-1000 ppm Oxygen
- Economical Zirconia Sensor
- Rugged Housing with KF-40 Process Connection

EOS-2 ELECTROCHEMICAL OXYGEN SENSOR



Key features:

- Measurement range: 0-1000 ppm Oxygen
- Economical Electrochemical Sensor
- Rugged Housing with KF-40 Process Connection

MOISTURE SENSOR



Key features:

- Measurement range: 0-1000 ppm moisture
- Advanced ceramic sensor technology
- Rugged housing with 5/8" UNF connection. KF-40 flange adapter available

OFFBOARD DISPLAY



Key features:

- Measurement range: 0-1000 ppm moisture/oxygen
- Lightweight and portable
- Touchscreen display

EOS-1 & EOS-2 SPECIFICATIONS

Gas type/range: Oxygen 0-1000ppm

Response time (0-90%): Approximately 10 seconds

Power requirements: 24VDC+/-10%, max 160mA

Compatibility:

EOS-1 not suitable for use in the presence of solvents or volatile metal-organics

EOS-2 suitable for use in the presence of solvents or volatile metal-organics

Output signal: Factory configured option: 0-+10VDC or 4-20mA

Accuracy: ±0.1ppm from 0-10 ppm; ±1ppm from 10-100ppm, ±10ppm from 100-1000ppm

Sensitivity: 0.1ppm

Drift: At 10ppm; 10%/year

Pressure range: 800 to 1200mbar absolute

Process connection: KF-40 flange

Temperature range: +15 to +35°C

Weight: 0.57Lbs/0.260Kg

MOISTURE SPECIFICATIONS

Gas type/range: Moisture 0-1000ppm

Response time: 5 mins to T95 (dry to wet)

Power requirements: 12-28 V DC 20mA max current consumption

Output signal: 4-20mA

Accuracy: ±0.2ppm from 0-10 ppm

Sensitivity: 0.1ppm

Pressure range: 800 to 1200mbar absolute

Process connection: 5/8" UNF connection. KF-40 flange adapter available

Temperature range: +15 to +35°C

Weight: 0.33Lbs/0.150Kg

DISPLAY SPECIFICATIONS

Gas type/range: Moisture / Oxygen 0-1000ppm

Power requirements: 100-240 V DC 50/60 Hz

Dimensions: 245mm (H) x 203mm (W) x 155mm (D)

Screen: Touchscreen (color)

Data Logging: Micro SD slot

Weight: 2.7 Kg
