

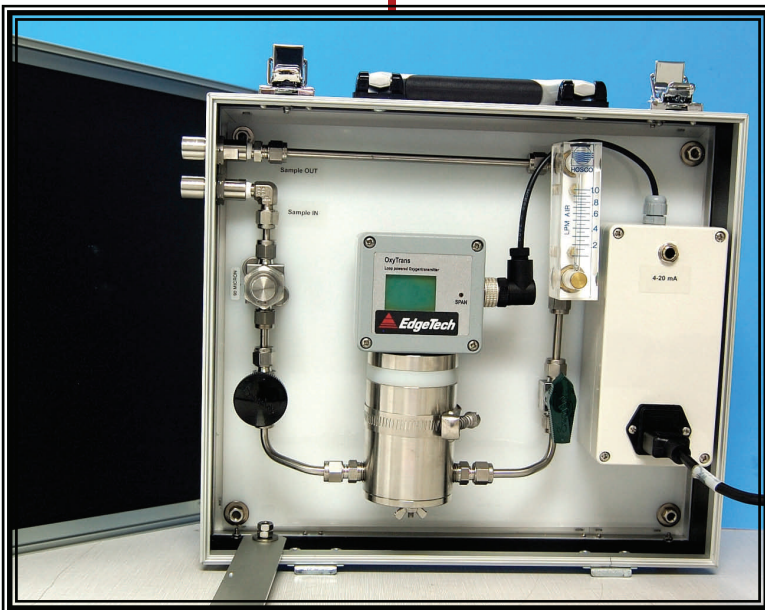
OxyTrans-PSS

Portable Oxygen Transmitter

The Portable OxyTrans

The **Model OxyTrans-PSS** is a portable oxygen transmitter that is fast responding, accurate and is capable of measuring Oxygen at trace or percent levels. The OxyTrans-PSS has the capability of measuring Oxygen between 0 - 10,000 ppm or 0 - 25% and offers ease of operation with a large readable LCD display and a durable aluminum case that protects the measuring equipment during transport.

- ▶ **Measuring Range:** The user can select a range within 0 - 10,000ppm or 0 - 25% of oxygen.
- ▶ **Data Outputs and Data Logger:** For the Oxygen concentration there is a 4-20mA output standard available. A Data Logger with 30,000 Readings and USB connection is an optional feature.
- ▶ **Sensor with Long Operating Life:** The OxyTrans-PSS uses a special micro-fuel cell to measure the oxygen concentration. The sensor meets the industrial requirements for accuracy, sensitivity, easy to use and has a long operating life.
- ▶ **Calibration:** A known calibrate gas should be used when calibrating the OxyTrans-PSS in the O₂ trace levels.
- ▶ **Flow-through Measuring Cell in Stainless Steel:** The measuring cell is modular and made of stainless steel. A defective measuring cell can be repaired by replacing the defective cell only, rather than the complete unit.



Benefits:

- Compact Economic Instrument
- Sensor with Long Operating Life
- Set Range

Options:

- Sampling Pump
- Battery Powered

OxyTrans-PSS

SPECIFICATION

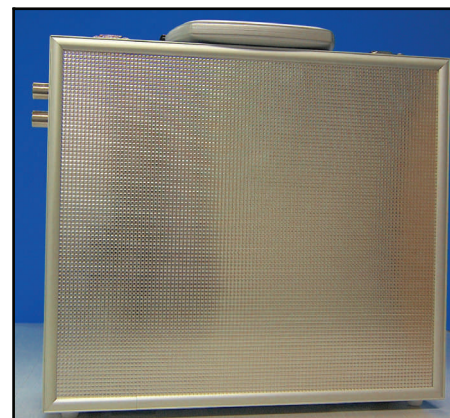
- Measuring Range:** 0-10,000 ppm O₂
or 0-25% O₂
- Calibration:** With calibration gas (ppm)
or air (%)
- Accuracy:** ± 2% FSD (T = constant)
± 5% FSD
Over full temperature range
(bei 0 - 10 ppm ±1 ppm)
- Resolution:** 0.1 ppm oxygen
- Response Time:** 90% of FSD at 25°C
0-10 ppm < 45 s
- Operating Temperature:** 0 - 50°C
- Pressure:** 0.1 - 1 bar
- Outputs:** Loop powered 4 - 20 mA/DC
- Display:** LCD display
- Power:** 85 - 230 VAC, 44/60 Hz
Optional: Battery powered
- Oxygen Sensor:** Micro-Fuel Cell
- Sensor Warranty:** 6 month under normal use
and maintenance
- Expected Sensor Life:** up to 2 years
- Dimensions:** 344 x 304 x 100 mm
(W x H x D)
13.78 x 12 x 3.94 in.
(W x H x D)
- Weight:** 4 kg
8.82 lb

TYPICAL

- Variety of sensor ranges available (0-10ppm, 0-100ppm, 0-1000ppm, 0-10000ppm, 0-25%)
- Output Signal: loop powered 4-20mA for O₂
- Data tracking, optional
- SS316 measuring cell
- Data Logger with 30,000 readings and programmable Intervals as option available with connection to the 4-20mA

APPLICATIONS

- Semi-Conductor Industry
- Gas Manufacturers
- Metallurgical Industries
- Chemical Industry



OxyTrans-PSS case

