

OxyTran Oxygen Transmitter

APPLICATION: The Oxytrans is a low cost loop powered Oxygen transmitter that can be configured for applications where oxygen is considered disruptive or a contaminant. Oxygen can be a problem in the production of high purity gases, pharmaceuticals, monomer storage, glove boxes, furnace atmospheres, solder reflow, nuclear rod processing, high purity welding and many other applications. The Oxytrans is available in several configurations depending on the application requirements:

- **Standard Oxytrans:** Factory Set range of Oxygen, general duty
- **Oxytrans2:** Field selectable ranges, general duty
- **Oxytrans-Ex:** Oxytrans rated for hazardous area use
- **Oxytrans-S:** Panel mounted Oxytrans, general duty
- **Oxytrans-Sx:** Panel mounted Oxytrans-Ex, hazardous area
- **Oxytrans-PSS:** Portable Oxytrans w/ sampling, general duty
- **Oxytrans-H:** Oxytrans configured with HART Protocol interface

DESCRIPTION: Model OxyTran is a two-wire loop power oxygen transmitter; includes a right angle LCD display, housed in an IP65 enclosure, a field adjustable setting, 4-20mA loop powered output (max 500 Ohms), 10-36VDC power, a micro-fuel cell housed in a 316SS cell block. Standard Model includes sensor

OxyTran Trace Standard



Oxytrans 2

Model Options

| | | |
|--------------------------|---|--------------------|
| Model Oxytran | Standard Model single range | \$ 2,381.00 |
| Model Oxytran-2 | multi range, selector switch for range | \$ 2,936.00 |
| Model OxyTran-EX | explosion proof | \$ 2,721.00 |
| Model OxyTran- | Oxytran w/panel mount sampling system | \$ 3,799.00 |
| Model OxyTran-SX | Ex-Proof w/ panel mount sampling system | \$ 4,139.00 |
| Model OxyTran-PSS | portable sampling system | \$ 4,635.00 |
| Model OxyTran-H | Transmitter with HART Protocol | \$ 2,385.00 |

Specific Measurement Range (*one must be selected when ordering*)

- 1) 0-10 ppm
- 2) 0-100 ppm
- 3) 0-1,000 ppm
- 4) 0-10,000 ppm
- 5) 0-1% O₂
- 6) 0-25% O₂
- 7) Custom ranges also available

Optional/Spare Parts

| | | |
|-----------------|---|------------------|
| MFC/CO2 | Micro-fuel cell only for CO2 and Oxidizer background gas | \$ 465.00 |
| MFC/PER | Micro-fuel cell only for % range | \$ 412.00 |
| MFC/PPM | Micro-fuel cell only for ppm range | \$ 412.00 |
| SMU | Vacuum Pump Sample Module Universal 115/230 VAC operation | \$ 777.00 |
| SFIL | Stainless steel sintered filter, 30 microns with fittings | \$ 225.00 |
| CASE1550 | Rugged shipping case | \$ 385.00 |

CASE1550

Oxytran-PSS

Oxytran-S

SFIL

Installation/Mounting Kit

Attaching the mounting bracket