

OxyP: Portable Oxygen measurement

Oxygen measurement for trace and % range

This Model was made for fast, accurate and economic measurement of Oxygen at trace or percent levels.

A simple operating and a large LCD-display allow easy and fast start-up of the instrument.



- **Measuring range (field selectable)**

OxyP-T	4 selectable range, 0-10, 0-100, 0-1000 and 0-10000 ppm
OxyP-P1	0-0.25, 0-2.5, 0-25%
OxyP-P2	0-0.5, 0-5.0, 0-50%
OxyP-P3	0-1.0, 0-10.0, 0- 100.0%

- **Data outputs and Data Logger**

For the Oxygen concentration there is a 4-20 mA output standard available.

- **Sensor with long operating life**

The Oxy-P uses a special fuel cell to measure the oxygen concentration. The sensor meets the industrial requirements for accuracy, sensitivity, easy to use and operating life.

- **Calibration**

The calibration of the instrument for trace oxygen measurements in gas should be done with a calibration gas. The concentration can be chosen freely within the measuring range.

- **Benefits**

- Compact economic instrument
- Sensor with long operating life.
- No range switching required
- optional with gas sampling pump or flow meter
- rechargeable Battery

- **Flow-through measuring cell in Stainless Steel**

- The measuring cell is modular and is made of stainless steel
- A defective measuring cell can be repaired by replacing the defective part only, rather than the complete unit

Specification

Measuring range	: selectable PPM and % range
Calibration	: with calibration gas or air
Accuracy	: +/- 2% FSD (T= const.) +/- 5% FSD over full temperature range
Resolution	: 0.1 ppm or 0,1 % oxygen
Response time	: 90 % of FSC at 25°C 0-10 ppm < 45 s
Operating Temp.	: 0 - 50°C
Pressure	: 0,1 - 1 bar
Outputs	: 4 -20 mA/DC
Display	: backlight 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
Size:	13.78 x 11.81 x 3.94 in. (W x H x D)
Weight	: 5 lb.

Options: rechargeable battery, flowmeter and pump for atmospheric/vacuum conditions
consult factory

For a fixed range unit, please consult factory

Typical

- Variety of sensors available or can be used
- Output signal: 4-20 mA for O₂
- Data tracking,
- SS316 measuring cell
- universal Power supply for charging 85 - 230 VAC 50 - 60 Hz
- battery powered



