

Oxymaster II 16TW

Measuring Oxygen Trace in Water

Process Trace Oxygen Analyzer

The Model Oxymaster was made for fast, accurate and economic measurement of Oxygen at trace levels.

A simple menu-driven software, touchpad and large LCD-display allow easy and fast start-up of the instrument.



- **User-selectable measuring range**

The user can select any range within the 0 - 8000 ppb.

Free-programmable concentration alarm and a system alarm give versatility meeting almost any requirement.

- **Data outputs and Data logger**

For the Oxygen concentration is a 4-20 mA output standard available. Other outputs are available on request. RS232 for data reading is standard. A data logger with 10000 values is included.

- **Sensor with long operating life**

The Oxymaster uses a specialized 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 can be done on air with 100% saturation.



Specs:

Measuring range	: 0 - 8000 ppb O ₂ free programmable lowest range 0-10 ppb
Calibration	: saturation on air
Accuracy	: +/- 2% FSD (T= const.) +/- 5% FSD
Resolution	: 0,1 ppb to 100 ppb 1 ppb from 100 to 8000 ppb
Response time	: 98 % response in 90 seconds at 25°C
Operating temperature	: 5 - 45°C
Sample pressure	: 0,2 - 1 bar
Output signal	: 4 -20 mA/DC isolated
Display	: Graphic
Alarm	: 1 free programmable Alarm
System diagnostics	: Self diagnosis with relay output
Data Logger	: 10000 readings, Interval programmable
Voltage	: 85 - 230 VAC, 44/60 Hz 24 VDC
Sensor warranty	: 1 year under normal use and maintenance
Size	: 9 x 7.5 x 7.5 (W x H x D) (Mounting size)
Weight	: 7 lb.

Typical

- Variety of sensors available or can be used
- User programmable measuring range
- Output signal: 4-20 mA for O₂
- Output signal: 4-20 mA for Temp. (opt.)
- one oxygen alarm 2 A
- Self-diagnosis with relay output
- Clear text graphic display
- Data tracking, temperature reading
- Instructions and error messages in normal text
- universal Power supply
85 - 230 VAC 50 - 60 Hz
- 24 VDC / ca. 50 Watt
- two channel unit optional