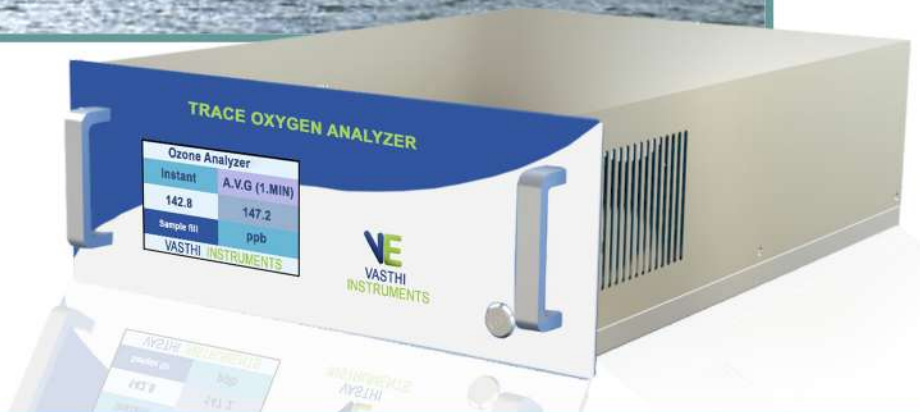


Trace Oxygen Monitor/Analyzer



Trace Oxygen Monitor/Analyzer

Electrochemical cell analysers for oxygen Proven technology from gas analyser experts

- ppm or % O₂ levels
- Hazardous area options
- Choice of cells for different applications
- Remote or integral sensor
- Choice of sample systems

Applications

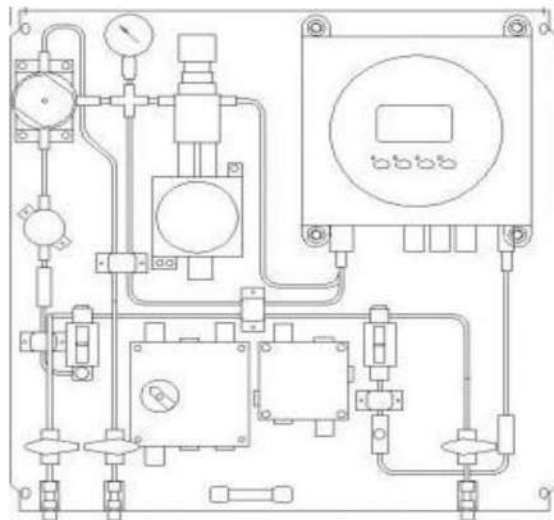
- Nitrogen generators
- Inert gas systems
- Air separation
- Furnace atmospheres
- Biogas
- Glove boxes

Trace Oxygen Monitor/Analyzer

- Gasification
- Packaging

A choice of configuration is available. The most convenient and economical is a standard analyser with the cell mounted on the rear. Alternatively, there is remote sensor housing complete with flow meter and valve. Where cable lengths and/or hazardous area conditions are an issue, the transmitter can be located in the sensor housing.

Different sample conditioning systems are available, standard or bespoke, according to the process conditions. Filters, pumps and regulators can all be incorporated to deliver the sample in the correct condition. Bypass flow systems enable longer distances from process to analyser to be achieved. Vasthi engineers are ready to recommend the right system for you on receipt of the full gas stream specification.



For hazardous area applications the sensor may be mounted remotely in the hazardous area and safely connected.

Diagnostics

Comprehensive self-testing function

Ranges Trace

Trace Oxygen Monitor/Analyzer

0-10, 0-100, 0-1000, 0-10,000 ppm
oxygen plus Cal range for air calibration

Indication

Alpha numeric Digital

Principle of Detection

Self-Powered Diffusion Limited sealed Electrochemical Sensor

Relative Humidity

0-99% RH Non-condensing

Position Sensitivity

None

Recommended Sample

0.1 to 10 Litre / Min

Accuracy

±2% of full scale (±1 ppm for 0-10 ppm range) at a constant temperature

Operating temperature

0 to 50 C

Relative Humidity

0-99% RH Non-condensing

Position Sensitivity

None

Response time

90% in 5 to 10 seconds

90% in 60 seconds

(0-10 ppm range)

Reproducibility

±1% at constant temperature

Sample inlet/outlet

Quick connects (1/8" or 1/4")

**VASTHI INSTRUMENTS**

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