



Oxygen Analysers

The Titan N2 Oxygen Gas Analyser range of products is designed to be easy to install and operate, accurate and reliable. We have developed a selection of inline and portable models with a focus on safety and efficiency for users in both industrial and laboratory settings.

Our O2 Analyser range makes it simple to monitor and maintain air purity with an easy to configure alarm, an accurate and easy

to read electrochemical display, and a choice of auto or manual range modes.

Our Oxygen Analysers have weather and explosion proof casings, making them suitable for a wide range of applications and installation options. Our Oxygen Analysers combine innovative thermo-paramagnetic technology with high accuracy and quality performance.



OMD-580 Portable Trace Oxygen Analyser



OMD-501D Inline Trace Oxygen Analyser



OMD-480 Portable Percent Oxygen Analyser



OMD 401D Inline Percent Oxygen Analyser



OMD-580 Portable Trace Oxygen Analyser

Titan N2's OMD-580 portable oxygen gas analyser model combines a lightweight, portable design with flexible data logging and continual analysis.

Titan N2's OMD-580 portable oxygen gas analyser model combines a lightweight, portable design with flexible data logging and continual analysis. It is suitable for a variety of applications including glove box, pipeline leak detection, insert gas welding, air separation and liquidation.



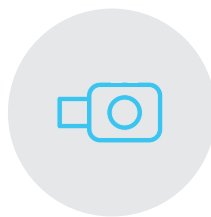
Percent or PPM options



Super fast response time



Precision Electro-chemical Sensor



Data download via USB

Tech Spec

Ranges: <1% of full scale range

Accuracy: 0-10/100/1000ppm/1%/25%

Dimensions: 22 x 19 x 10 cm

Temperature: 0-50°C

Power: Rechargeable battery 100-240 VAC AC Adapter

Output (Analogue): 0-1V DC

Pressure: Inlet, 0-50 PSIG

Response time: T90 in 10 seconds

Flow sensitivity: 0.5-5 SCFH

Data logging: Removable USB flash drive

Weight: 2 kg



OMD-501D Inline Trace Oxygen Analyser

The OMD-501D inline O₂ analyser is designed to be reliable and easy-to-use.

It is suitable for a variety of uses and installation options. Its features include: precision electrochemical sensor tech, a large colour display, five standard analysis ranges and two adjustable alarm contacts. This oxygen gas analyser is suitable for a variety of applications from inert glove box systems to beverage grade CO₂ monitoring, and is capable of accurate measurements from 0-100% oxygen on gas streams such as hydrogen, combustibles, hydrocarbons and inert gases.



Percent or PPM options



Super fast response time



Precision Electro-chemical Sensor



Audible/Visual Alarms available



Full colour display

Tech Spec

Ranges: 0-10/100/1000ppm/1%/25%

Accuracy: +/- 2% full scale range

Dimensions: 1/4 DIN (9.6 x 9.6 x 6.5 cm)

Temperature: 0-50°C

Power: 12-24 VDC

Signal Output: 4-20mA

Range ID: 1-5 VDC (Optional 4-20mA)

Response time: T90 in 10 seconds

Flow sensitivity: 0.5-5 SCFH

Flow Cell: H3 Flow through, 1/8" Comp.



OMD-480 Portable Percent Oxygen Analyser

Like its inline counterpart, our portable oxygen gas analyser delivers a user-friendly product that allows for flexible implementation in keeping with modern industrial and laboratory needs.

This versatile model's features include electrochemical sensor technology, a large colour display, an easy to use menu, auto or manual range modes, continuous analysis during battery charging, and data logging via a USB flash drive capability. This portable analyser is suitable for a variety of applications including glove box, pipeline leak detection, air separation, headspace gas analysis and heat treating.



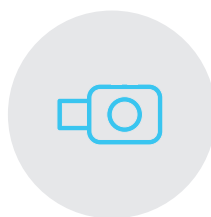
Percent or PPM options



Super fast response time



Precision Electro-chemical Sensor



Data download via USB

Tech Spec

Ranges: 0-1%/5%/10%/25%/100%

Accuracy: <1% of full scale range

Dimensions: 22 x 19 x 10 cm

Temperature: 0-50°C

Power: Rechargeable battery 100-240 VAC AC Adapter

Output (Analogue): 0-1V DC

Pressure: Inlet, 5-50 PSIG

Response time: T90 in 10 seconds

Flow sensitivity: 0.5-5 SCFH

Data logging: Removable USB flash drive

Weight: 2 kg



OMD 401D Inline Percent Oxygen Analyser

The OMD-401D model is the ideal solution for laboratory environments, with its precision electrochemical sensor technology and its choice of auto or manual range mode.

It is a versatile, high performance model, designed to be user-friendly and accurate. As with all Titan N2 products, this model is suitable for a variety of applications from inert glove box systems to partnership with nitrogen and O2 PSA generators. This analyser can cater to the most unique requirements thanks to the customisable accessory range it supports, including a tailored sample system and even internal language settings.



Percent or PPM options



Super fast response time



Precision Electro-chemical Sensor



Audible/Visual Alarms available



Full colour display

Tech Spec

Ranges: 0-1%, 5%, 10%, 25%, 100%

Accuracy: +/- 2% full scale range

Dimensions: 1/4 DIN (9.6 x 9.6 x 6.5 cm)

Temperature: 0-50°C

Power: 12-24 VDC

Signal Output: 4-20mA

Range ID: 1-5 VDC (Optional 4 -20mA)

Response time: T90 in 10 seconds

Flow sensitivity: 0.5-5 SCFH

Flow Cell: H3 Flow through, 1/8" Comp.