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Product Brochure



GLOVE BOX ACCESSORIES

Glove Box Trace Oxygen Analyzer

Trace oxygen analyzer designed for continuous O₂ monitoring in glove box systems, providing reliable ppm-level oxygen measurement to help maintain stable controlled atmosphere conditions.

<https://www.gloveboxs.com/products/glove-box-accessories/glove-box-trace-oxygen-analyzer.html>

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Product Overview

Trace oxygen analyzer designed for continuous O₂ monitoring in glove box systems, providing reliable ppm-level oxygen measurement to help maintain stable controlled atmosphere conditions.

Technical Parameters

Parameter	Model 1
Parameter 1	
Parameter 2	



Product Introduction

Measuring range:0-25%O₂

Signal:4-20mA

Accuracy:±0.01%

Display: PLC or independent display

Main applications: glove box inspection, coating machine, inert gas welding, semiconductor chip machine

The American GE OXY-IQ oxygen analyzer is an updated model of the GE Panametrics O2X1 oxygen transmitter. The GE Panametrics oxy-iq oxygen transmitter is a highly reliable and cost-effective dual-loop oxygen analyzer with a linearized 4 to 20 mA output. Oxygen can be measured in the ppm range and in the percentage range. All ranges are user selectable. This compact transmitter uses advanced sensor technology to accurately measure O₂ in a variety of gases, even in hazardous environments (please inform us in advance of special environments).

GE Panametrics' oxy.iq is calibrated by a microprocessor that allows the user to select a control range and adjust the output. Programming is easy to do using the keyboard and monitor. The compact oxy.iq design easily fits any installation position and can be installed correctly at the sampling point.

Wide range of applications:

- Purification and leak detection
- natural gas
- Semiconductor chip machine
- Coating machine
- membrane air separator
- Inert gas welding
- Pure gaseous hydrocarbons
- Gaseous Monomer Process Monitoring
- Heat treatment and bright annealing

Features:

- Intrinsically safe optional
- Fuel Cell Oxygen Sensor Technology
- An optional PPM and percent ratio
- Friendly and intuitive user interface and diagnostics
- Process 1/8" NPT connections at inlet and outlet (original) or KF40 interface custom
- Reliable operation of all-digital technology
- Low maintenance, economical and compact
- Sensor failure output error

- Oxygen sensor life indicator
- error indication

Technical parameters:

Range: Oxygen measurement range 0~1.0000% (10000PPM), 0-25%

Accuracy: $\pm 0.01\%$

Resolution: $\pm 0.0001\%$

Linearity: $\pm 1\%FS$

Analog output: 4~20mA

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.