



## FEATURES

- 0.01-10.00 PPM Oxygen Sensor
- Accuracy  $\pm 200$  PPB of Calibrated Range
- KF25 Flange Connector for easy Plug-and-Play connectivity
- Long-Lasting Low Temperature Zirconium Oxide Sensor
- Operates in a Vacuum, 20 Torr
- Leak rate  $< 1E-9$  (or  $1 \times 10^{-9}$ ) millibars (mb)/sec
- 3 Year Warranty
- 2 Alarm Relays
- 24V DC Power Supply Included
- No Drift Due to Environmental or Temperature Changes

## Trace Oxygen Analyzer, KF25 0-10 ppm

ITEM#: 99201

### Product Summary

PureAire's KF25 0-10 ppm Trace Oxygen Analyzer is ideal for facilities requiring continuous monitoring of semiconductor tools, glove boxes, nitrogen gas lines, vacuum chambers, as well as any locations where there is little to no oxygen present. The unit's sensor mounts directly into the vacuum chamber with the use of a KF type vacuum fitting. The analyzer is well suited for semiconductor tools, OLED manufacturers, 3D printing and, for any industry applications where inert gases including, but not limited to, nitrogen, helium, and argon are used in a vacuum. PureAire's stable, long-life zirconium oxide sensor will last many years in maintained environments without needing to be replaced.

### Facilities That Need This Product

- Semiconductor Tools
- OLED Manufacturers
- 3D Printers
- Direct Metal Laser Sintering and DMP Printers
- Inert Vacuum Environments
- Natural Gas & Biogas

### Why choose PureAire?

PureAire Monitoring Systems, Inc. is an industry leader in oxygen monitoring, analyzers, and gas detection. For over 25 years, we have dedicated ourselves to the safety our clients, and the customers they serve, by manufacturing monitors that are long-lasting, accurate, and reliable. PureAire takes pride in providing exceptional customer service, along with 24/7 availability to our technical service department.

### Why a KF25 0-10 ppm Trace Oxygen Analyzer?

The PureAire KF25 0-10 ppm O<sub>2</sub> Analyzer is designed for continuous monitoring where inert gases are used to create an environment where there is little to no oxygen is present, such as glove boxes and vacuum chambers.

### What gases can be detected with a KF25 0-10 ppm Trace Oxygen Analyzer?

PureAire's KF25 0-10 ppm O<sub>2</sub> Analyzer can be used in vacuum chambers where inert gases, including nitrogen, argon, and carbon dioxide are used.

### Easy to Use

Secure the analyzer to the wall so that the display is visible. The oxygen sensor and KF25 flange can be installed directly into the glove box or vacuum chamber, up to 10 feet from the analyzer. Connect the analyzer to a 24V DC 250mA power source. After a brief startup period, the analyzer will begin measuring oxygen levels. Oxygen levels will be displayed clearly on the screen, for easy access and visibility.

**\*Not recommended for use in environments over 10 ppm**

# Top Advantages of Oxygen Deficiency Monitor



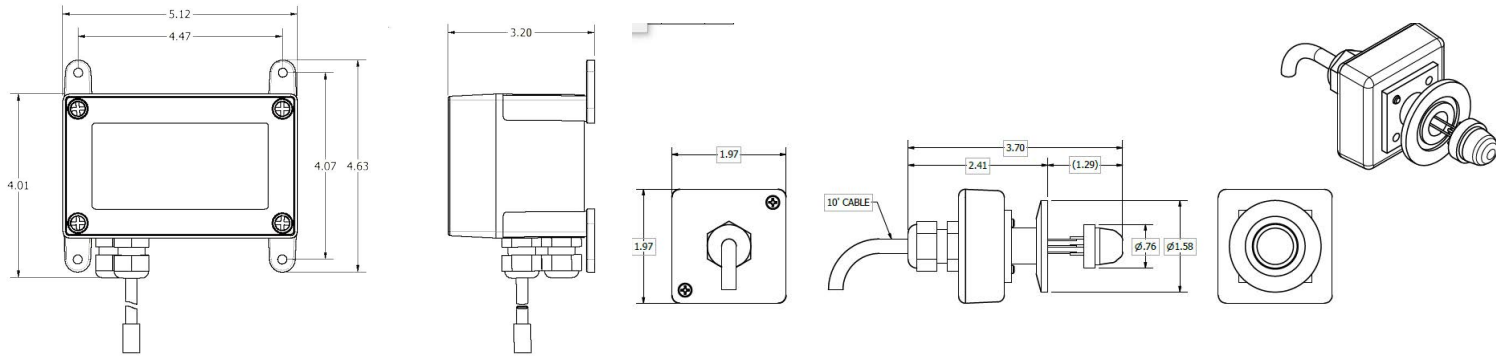
## Oxygen Analyzer Alarm

PureAire's O2 Analyzer comes with 2 adjustable alarm setpoints that can connect to a horn/strobe, exhaust fan, 8 channel controller, remote display, or into building systems. Alarm signals also can tie into automatic shut-off valves when oxygen levels fall below the OSHA threshold. 4-20mA standard output, and RS-485, or RS-232 available upon request.



## Easy To Use

The Air Check O2 Analyzer provides constant monitoring with little to no adjustments, saving you time and money while allowing the monitor to operate seamlessly. Our quality sensor makes this the longest lasting O2 monitor on the market.



## Top Accessories



**8 Channel Programmable  
Controller for O2 or Gas Monitors**

ITEM #: 99196



**Red Horn/Strobe 24VDC**

ITEM #: 42002



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