



## Oxygen Calibration Kit\*\* 8% Oxygen/99% Nitrogen

ITEM# 94004-Fixed Rate Regulator<sup>1</sup>

ITEM# 94006-Demand Flow Regulator<sup>1</sup>

### Product Summary

The PureAire Calibration Kit is for use with our Oxygen Deficiency Monitors. The Calibration Kit includes all the necessary equipment to ensure the oxygen sensors perform at their best. With a simple process, you can easily calibrate your sensors and make any necessary adjustments based on their response to low oxygen levels.

PureAire's Oxygen Monitors only require periodic testing with nitrogen to verify the cell's response to low oxygen levels and, if needed, a slight annual adjustment of the sensor span to 20.9%.

**\*\*Please Note:** Items in the kit are available for purchase individually.

<sup>1</sup> - Please contact PureAire if you are unsure which regulator is compatible with your oxygen monitor

### Facilities That Need This Product

- Laboratories
- Research & Development
- Pharmaceutical
- Agriculture
- Cryogenic

### FEATURES

- 8% Oxygen in 103L Disposable Cylinder
  - 99% Nitrogen in 103L Disposable Cylinder
  - 0.5 LPM C-10 Fitting Fixed Rate Regulator<sup>1</sup> (94004)
  - C-10 Fitting Demand Flow Regulator<sup>1</sup> (94006)
  - Tubing (2 ft)
  - Calibration Cap
  - Durable Carrying Case
- \*All items are available for purchase individually*

### Why Choose PureAire?

PureAire Monitoring Systems, Inc. is an industry leader in oxygen monitoring and gas detection. For over 25 years, we have dedicated ourselves to the safety of 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.

### What is a Gas Calibration Kit?

PureAire's Gas Calibration Kit contains the equipment necessary for on-site calibration, including calibration gases, tubing, calibration cap, and regulator. Exposing the sensor cell to a known gas concentration ensures accurate measurement of oxygen levels. PureAire recommends verifying the cell's response to low oxygen levels annually and, if needed, making a slight adjustment of the sensor span to 20.9%.

### Set Up

Ensure the Oxygen Monitor is in a clean, non-oxygen-deficient environment. Connect the sample tubing from a cylinder filled with zero-grade air to the sensor protector and expose the sensor cell at a flow rate of 500 cc/min. The final reading should be within  $\pm 0.3\%$  of the span gas concentration.

# Top Advantages of Gas Calibration Kit

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## Gas Calibration Kits

PureAire's Gas Calibration Kit includes one oxygen and one nitrogen cylinder, a fixed-rate or demand regulator with C-10 fitting, a 2-foot length of tubing, and a calibration cap, all housed neatly and securely in a durable, hard plastic carrying case.



## EasyToUse

The PureAire Calibration Kit includes the equipment necessary for field and shop calibration.

**\*\* Please note:** Items in the kit are available for purchase individually.

## Compatible Oxygen Monitors [Please contact PureAire for a complete list of compatible monitors](#)

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**Oxygen Deficiency Monitor**

ITEM #: 99016



**Oxygen Deficiency Monitor - KF25**

ITEM #: 99035



**Sample Draw Oxygen Monitor**

ITEM #: 99029

## Calibration Kit-Replacement Parts

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Item# 94009 Flow Cap - LEL

Item# 94010 Flow Cap - PPM

Item# 94012 Carrying Case

Item# 94013<sup>1</sup> Fixed Gas Regulator C-10 0.5lt/min

Item# 94014<sup>1</sup> Demand Flow Gas Regulator C-10

Item# 94015 Nitrogen (N2) 99% 103Lts Gas Cylinder C-10

Item# 94016 Oxygen (O2) 8% 103Lts Gas Cylinder C-10

Item# 94019 Ultra Zero Air 103Lts Gas Cylinder C-10



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