



## FEATURES

- 2% Hydrogen in 103L Disposable Cylinder
- 2.5% Methane in 103L Disposable Cylinder
- 0.5 LPM C-10 Fitting Fixed Rate Regulator (94005)
- C-10 Fitting Demand Flow Regulator (94007)
- Tubing (2 ft)
- Calibration Cap
- Durable Carrying Case
- *\*All items are available for purchase individually*

## LEL Calibration Kit\*\* 2%Hydrogen/2.5%Methane

ITEM# 94005 - Fixed Rate Regulator

ITEM# 94007 - Demand Flow Regulator

### Product Summary

The PureAir Calibration Kit is for use with our LEL Combustible Gas Detectors. The Calibration Kit includes all the necessary equipment to ensure the LEL 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 increased levels of combustible gases.

PureAir's LEL Combustible Gas Detectors require periodic calibration for optimal performance.

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

### Facilities That Need This Product

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

### Why Choose PureAir?

PureAir 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. PureAir takes pride in providing exceptional customer service along with 24/7 availability to our technical service department.

### What is a Gas Calibration Kit?

PureAir'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 gas levels. PureAir recommends verifying the cell's response to gas levels semi-annually, depending on use and sensor exposure to poisons and contaminants.

### Set Up

Calibrate only in a clean atmosphere, which is free of background gas. 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 hydrogen and one methane 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 LEL Gas Detectors

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**LEL Combustible Gas Detector**

ITEM #: ST-48



**Dual LEL Combustible Gas Detector**

ITEM #:

## LEL Calibration Kit-Parts

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- Item# 94009 Flow Cap - LEL
- Item# 94010 Flow Cap - PPM
- Item# 94012 Carrying Case
- Item# 94013 Fixed Gas Regulator C-10 0.5lt/min
- Item# 94014 Demand Flow Gas Regulator C-10
- Item# 94017 Methane (CH<sub>4</sub>) 2.5% 103Lts Gas Cylinder C-10
- Item# 94018 Hydrogen (H<sub>2</sub>) 2% 103Lts Gas Cylinder C-10
- Item# 94019 Ultra Zero Air 103Lts Gas Cylinder C-10



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