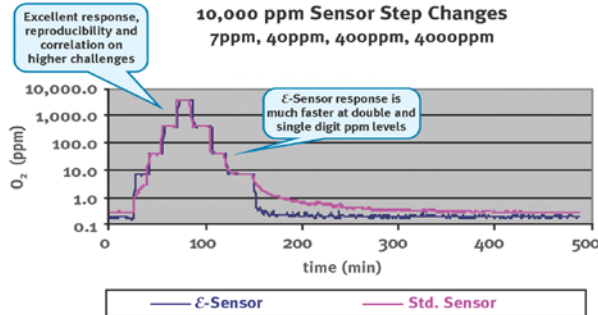


# DF-150E

## Custom Configure The Exact O<sub>2</sub> Analyzer You Need

The DF-150E with the E-Sensor provides the maximum flexibility in configuring your O<sub>2</sub> analyzer to meet your application. You select the components and capabilities that your application requires and we build it to match.

### Improved Speed of Response (figure 3)



### Superior Performance

- The analyzer is delivered calibrated and ready to use

### Accuracy

- Greater of  $\pm 3\%$  of reading or 0.5% of measurement range

### Fast Response

- Instantaneous response to oxygen change
- Fast response, typically less than 10 seconds to read 90% of a step change

For more information about the DF-150E, the 100E Series or the E-Sensor, visit [www.delta-f.com](http://www.delta-f.com).

## DF-150E Specifications

### Range

Ranges are available from 0-10 ppm to 0-25%

### Sample Gas Compatibility

Standard Sensor – All inert and passive gases including N<sub>2</sub>, H<sub>2</sub>, CO, freons, hydrocarbons, etc.

Sensor With STAB-EL™ Option – Neutralizes trace contaminants including acids such as CO<sub>2</sub>, H<sub>2</sub>S, NO<sub>x</sub>, SO<sub>x</sub>, etc. (Consult Delta F for concentration limits)

### Options

Oxygen Alarms	Classified Area Enclosures
STAB-EL™ Acid Gas System	Flow Alarm
CE Certification	Three Range
Remote Sensor	Sample Pump
Classified Area Enclosures	Analog Outputs

### Accuracy

Greater of  $\pm 3\%$  of reading or 0.5% of measurement range

### Response Time

Responds simultaneously to O<sub>2</sub> change.

Equilibrium time depends on specific conditions

Typically less than 10 seconds to read 90% of a step change

### Sample Requirements

Gas phase, non-condensing, 0 to 150°F

Flow should be 1.0 to 3.0 SCFH at 0.2 to 1.0psig pressure

### Misc.

19.7 cm W x 21.6 cm H x 25.4 cm D 7kg (7.75"Wx8.5"Hx10"D 15 lbs.)

Operate between 0° and 45° C ambient (32° and 120° F)

115 VAC or 220 VAC at 25 Watts

## Configuration and Installation

Delta F provides comprehensive assistance for a broad variety of application problems including sample gases with acids, hydrocarbons, particles and other contaminants. Depending on the model, Delta F analyzers can be configured to provide a wide choice of outputs for data collection and process control systems. Most Delta F analyzers can be configured for remote operation and all can be ordered with classified area enclosures. Contact your Delta F rep for an Applications Data Sheet and pricing information.



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