DF-330E
With Solid State Coulometric Sensor

The DF-330E is an ideal oxygen analyzer for industrial applications where fast response is essential. The DF-330E employs a unique solid state coulometric sensor with a solid electrolyte to deliver quick response across a wide measurement range.

Fast and Flexible
- Exceptionally fast response – ppm levels from air in 5 minutes
- Can be mounted in-situ or in flow-through applications
- Quick recovery down to low levels after exposure to air

Sensitivity and Accuracy
- Good low-end sensitivity plus a wide measurement range
- Consistent accuracy from sub-atmospheric pressure to 100 psig

For more information about the DF-330E, the 300E Series or the Solid State Coulometric Sensor, visit www.delta-f.com.

DF-330E Performance
Lowest Detection Level (LDL) 3,000 ppm. Greater of ±5ppm or ± 3% of reading
Response Time Instantaneous to O₂ change
Upset Recovery <10 seconds to read 90% of step change
Ranges 3,000 ppm, 25% or 100%
Ambient Operating Temperature 32° to 176° F (0° to 80° C)

Specifications
Sample Pressure 300 Torr to 100 psig (17 Bar)
Sample Flow Ambient to 3 SCFH
Gas Compatibility All inerts and passive gases including N₂, H₂, CO, freons, hydrocarbons, etc.

Options
22-28 VDC, 1 Amp (max), 110 or 220 VAC
RS-232 and RS-485
Up to 4 Assignable Alarm Relays
NEMA 1 General Purpose

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.