



Oxygen Analyzing Products:

NEW

DF-560E
NanoTrace II

NEW

DF-550E
Nano Trace

NEW

300E Series
Fully Adaptable
DF-310E
DF-320E
DF-330E
DF-340E
DF-370E

NEW

100E Series
General Purpose
DF-110E
DF-130E
DF-140E
DF-150E

NEW

Series 500E
Breathing Air
Monitor

Sensor Technical
Bulletins:

E-series Sensor
M-series Sensor

Solid State Sensor

DF-560E

NanoTrace II Ultra Trace Oxygen Analyzer



The NanoTrace II provides the lowest detection level (LDL) in the industry. The NanoTrace II features:

- Ultimate analyzer performance - very stable 75 ppt LDL in an industrial low maintenance analyzer
- Automated maintenance on a scheduled basis keeps it up and running accurately
- Automated data logging with 4 day and 30 day graphical records of analyzer readings

NanoTrace II provides the lowest LDL in the industry. Part of the extensive APIMS testing by several third parties, including SAES Pure Gas Inc., is shown. NanoTrace II is an extension of the first NanoTrace used in semiconductor fabs and analytical carts around the world. It features a lower LDL, Data Graphing, Scheduled Automatic Calibrations, Automated Maintenance Logging, and a variety of other new capabilities. Every NanoTrace is manufactured under ISO 9001 control and is calibrated and operated for five weeks to ensure a fast and accurate start-up at your site.

The Ultimate Analyzer Performance

- Very stable 75 ppt Low-Detection-Level in an industrial, low maintenance analyzer
- Automated Maintenance
- Executes automatic zero and span calibrations on a scheduled basis, or executes scheduled automatic "checks" and issues a notice when calibration is needed.
- Automatic Maintenance Log records water additions, sensor data, and calibration activity to ensure good analytical practice and ISO record-keeping requirements.

Automated Data Logging

- Builds 4 day and 30 day graphical records of analyzer readings.
- A "Zoom" feature provides a close look at data anywhere in the long term record.
- Select "Fill and Stop" or "Continuous" data collection modes.

DF-560E Performance

Lowest Detection Level (LDL): 75 ppt

Analyzer Resolution: 50 ppt

Response Time:< 15 seconds

Accuracy : 0.1 ppb or $\pm 3\%$ of reading (Constant Conditions)

Upset Recovery:< 5 min from high ppm upset

Output Range (Lowest): 0 to 2 ppb

Specifications

Sample Pressure: 15 to 25 psig

Sample Flow: 1 to 3 scfh

Gas Compatibility: All inerts and passive gases including N₂, He, H₂, Ar, light hydrocarbons, halocarbons, etc.

Options

Automatic Calibration System

Manual Calibration System

4 - 20 mADC Output Isolation

RS232 and RS485

Up to 4 Assignable Alarm Relays

N₂ Case Purge

NiCad Batteries

Flow Alarm

For more information, click here to [view the DF-560E Datasheet pdf.](#)

View the [DF-560E Specifications & Configuration Sheet](#)