NanoTrace II
DF-560E UltraTrace Oxygen Analyzer

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 9001/2000 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 with fast dry down and upset recovery.

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 (Constant Conditions) 0.1 ppb or ±3% of Reading
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
RS-232 and RS-485
Up to 4 Assignable Alarm Relays
N₂ Case Purge
Rechargeable Batteries
Flow Alarm

Delta F Corporation
4 Constitution Way
Woburn, MA 01801-1087 USA
Tel: (781) 935-4600
Fax: (781) 938-0531
e-mail: marketing@delta-f.com