

EC9841 T-NO_y

Total Reactive Nitrogen Oxides Analyzer

The EC9841 Total Reactive Nitrogen Oxides Analyzer combines microprocessor control with chemiluminescence detection to measure NO and NO_y in the ranges of 0-2000 ppb with a detection limit of 50 ppt.

Improved sensitivity, noise, and zero drift specifications are obtained through the use of a superior low pressure reaction cell and the introduction of a new electronics suite to provide better all round performance.

The EC9841 is used in conjunction with a NO_y-1000 converter used for the conversion of NO_y to NO for analysis.



Features

- Large Graphic LCD provides continuous output of instrument status including, analyte concentrations, real time zero/span calibration curves, and sample flow and pressure graphs.
- Menu selectable data trending graphically displays up to 100 data points.
- Auto zero routine periodically checks and corrects for background illumination, virtually eliminating zero drift.
- The micro processor facilitates total external remote control of the analyzer and provides up to 100 channels of instrument operating parameters.
- Stored data can be retrieved via RS232, USB interface or the optional Ethernet connection to a TCP/IP network via an RJ45 connector.
- Ethernet option facilitates data download from an analyzer connected to the internet via a standard web interface. This feature also supports remote access to instrument parameters and the status output screen .
- Inbuilt data logger utilizes Flash ROM to store up to 132 days of five minute data averages.



