

LAND



Insight

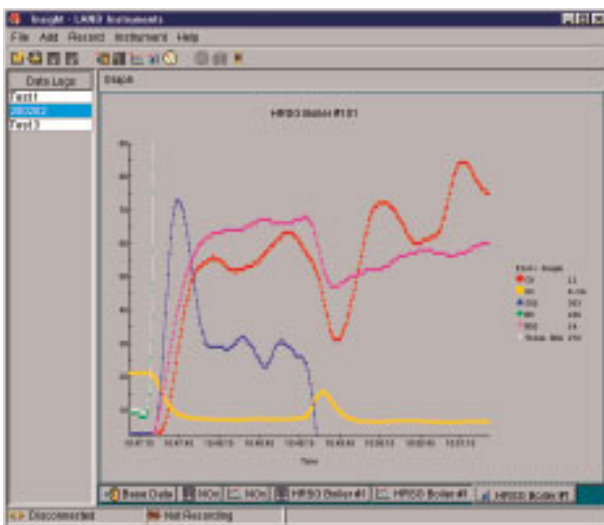
Data Acquisition & Analysis Software



Insight is a Windows™ based data acquisition software program, used for logging measurement data directly from a LANCOM portable gas analyzer. Data can be analyzed either as it is collected in real time, or during review of logged data. A range of statistical and graphical tools allow the user to perform measurements, manipulate, report, present and print data.

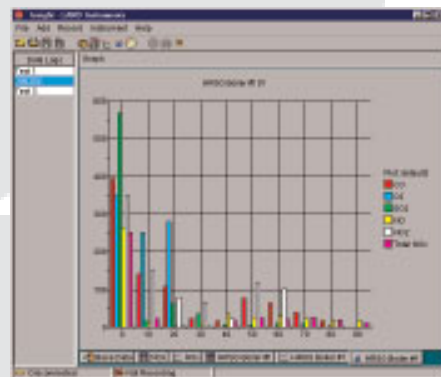
Features

- Real-time data display, capture and storage
- Range of display formats
- Integrated statistical analysis functions
- Range of calculations
- User definable alarms with event monitoring
- User-programmable averaging algorithms
- Export data to Microsoft Excel or text file
- Simple to use Windows-based software
- Range of user-configurable sample triggers
- Local or remote operation
- Ideal for USEPA CTM-034 reporting



Trace Graph

A simple tool for on-site
record keeping, analysis and
reporting



Frequency Distribution



Functionality

Function	Options/Description
Communications	Local RS 232 serial communications - cable supplied Remote TCP / IP network or Internet connection (via Laptop or PC)
Data Logging	Data logging can be triggered by four methods: Manual Logging Time controlled (start/stop after a programmed time) Sample controlled (start/stop after programmable no. of samples) Sensor condition (start/stop when a programmable condition occurs e.g. CO reaches 500 ppm)
Data Download	On-line or Historic data download from analyzer internal memory
Data Management	Data Logs, Input Parameters, User Tables, User Graphs and Instrument Panels, System configuration are automatically combined and stored
Calculations	An equation editor can be used to make calculations on the stored data
Averaging	Easy to apply, user-definable Rolling or Spot averages
Display	Data can be displayed as a Trace Graph or Frequency Distribution chart Complete user customization e.g. axis definition, trace colour control, test names & notes, etc.
Data Selection	Simple to use cursors limit the range of data which is used for calculations
Alarm Mode	A comprehensive user-programmable alarm function is available to monitor specific parameters or conditions
Statistical Analysis	Automatic display of selected data Average, Standard Deviation, Maximum, Minimum, Size (no. of readings), 95 th Percentile, 90 th Percentile
Reporting	Fully configurable print capability including tables, graphs, names, descriptions and notes Includes US EPA CTM-034 Report template
System Requirements	Minimum specification: 450 MHz Processor, 128 Mb RAM and 40 Mb Hard disk space
System Compatibility	Compatible with Microsoft Windows™ 95, 98, 2000, NT, ME and XP

Data Acquisition Package

CD-Rom (software & user manual) Serial Communications cable EPROM (for analyzer upgrade) User Manual

FREE Demonstration CD Version available

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