



## Insight

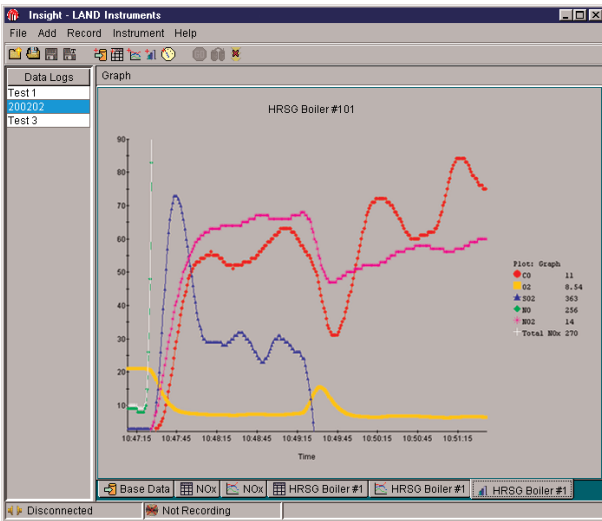
### Data Acquisition & Analysis Software



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.

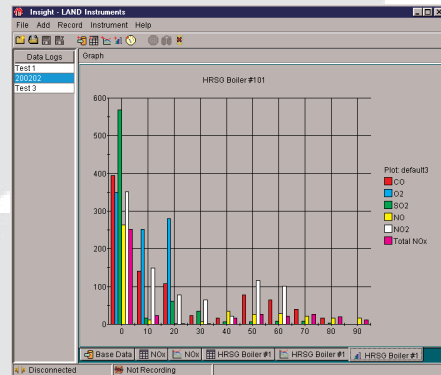
### Features

- 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
<b>Communications</b>	Local RS 232 serial communications - cable supplied Remote TCP / IP network or Internet connection (via Laptop or PC)
<b>Data Logging</b>	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)
<b>Data Download</b>	On-line or Historic data download from analyzer internal memory
<b>Data Management</b>	Data Logs, Input Parameters, User Tables, User Graphs and Instrument Panels, System configuration are automatically combined and stored
<b>Calculations</b>	An equation editor can be used to make calculations on the stored data
<b>Averaging</b>	Easy to apply, user-definable Rolling or Spot averages
<b>Display</b>	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.
<b>Data Selection</b>	Simple to use cursors limit the range of data which is used for calculations
<b>Alarm Mode conditions</b>	A comprehensive user-programmable alarm function is available to monitor specific parameters or conditions
<b>Statistical Analysis</b>	Automatic display of selected data Average, Standard Deviation, Maximum, Minimum, Size (no. of readings), 95 <sup>th</sup> Percentile, 90 <sup>th</sup> Percentile
<b>Reporting</b>	Fully configurable print capability including tables, graphs, names, descriptions and notes Includes US EPA CTM-034 Report template
<b>System Requirements</b>	Minimum specification: 450 MHz Processor, 128 Mb RAM and 40 Mb Hard disk space
<b>System Compatibility</b>	Compatible with Microsoft Windows™ 95, 98, 2000, NT, ME, XP, 7 and 8

Continuous Product Development may make it necessary to change these details without notice

## 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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