When Your Employees' Health is on the Line, Make Sure HAZ-DUST is on the Job!

HAZ-DUST is a Real Time Dust Monitor Designed for Industrial Hygiene, Indoor Air Quality and Haz-Mat air monitoring Investigations

For all types of dust & aerosols

- Lead
- Silica
- Welding Fumes
- Coal
- Wood/Paper
- Concrete/Cement
- Chromate
- Nuisance Dust
- Pharmaceutical Dust
- Dry Chemicals
- Heavy Metals/PCB's
- Paint Spray
- Grain
- Construction Dusts
- Toxic Soil Remediation

HAZ-DUST uses the latest in infrared technology which provides accurate an instantaneous data on airborne particle concentrations, in accordance with the NIOSH method 0600.

HAZ-DUST saves money by eliminating repetitious and costly gravimetric air sampling and the associated time delays involved with laboratory analysis.

With **HAZ-DUST** your results are determined easily and immediately.

By continuously monitoring lung-damaging particles **HAZ-DUST** protects the health of industrial personnel and reduces any potential liabilities, in addition to reducing the cost of you air monitoring program.

When coupled with the DL-103 data logger, maximum automation is achieved for data collection, statistical analysis, graphs and detailed report generation. Completely Windows compatible and easy to use.

If your company is concerned with air quality and its effects on workers & the community, the **HAZ-DUST** will help you comply with federal regulations for respiratory safety.

APPLICATIONS:

Determining level of respiratory protection

Survey of workplace for OSHA/EPA compliance

Qualifying off site particulate migration

Surveying for PM-10 and TSP levels

Monitoring dust generation during drilling/excavation operations

Evaluating dust suppression and engineering controls

Locating and identifying "Hot Spots"

Emergency Response & SARA Title III fugitive emissions compliance

Evaluating worker's exposure to airborne contaminants

Dust collector/ventilation system checks

Monitoring lung damaging particles in factories & buildings

Can be used in all OSHA & EPA personal and ambient particulate air sampling applications

...setting new standards in respiratory monitoring

FEATURES

Easy operation
Turn the instrument on and your results are immediately calculated.

High Sensitivity
Sensitive enough to monitor all OSHA/NIOSH reference methods. Sensitivity down to 0.01mg/m^3.

Low Battery Indicator
Alerts the user when the battery needs recharging, so the unit is ready when you are.

Data Logging
DL-103 Data Logger and software provides management ready statistical reports. Allows for a complete time vs. concentration profile, which is impossible to obtain with filter/gravimetric techniques.

Rugged Construction
Lightweight case is able to withstand harsh environments and rough handling. A unique design provides protection against RFI/EMI waves (emitted from radios, transmitters, etc.), which affects the precision of many measuring devices.

SPECIFICATION

HD-1100 HAZ-DUST
10µm Particulate Monitor **HAZ-DUST** with concentration range 0.01-200mg/m^3.
Display: LCD 3.5 digits mg/m^3 concentration reading
Calibration: NIOSH 0600 using ARD test dust
Sensing range: 0.01-200mg/m^3
Particle size range: 0.01-50µm
Precision: +/- 0.02mg/m^3
Accuracy: +/-10% to NIOSH #0600
Power: 6VDC NiMH rechargeable battery
Operating time: >8 hours
Charging time: 10-12 hours
Signal output: 0-2 volt
Humidity: 95% non-condensing
Dimensions: 9"x3"x1.5"
Weight: 2lbs

DL-103 Data Logger
Single channel, 3 keys programmable operation. Real-time clock display with on screen calculation of statistics.
Recording Time: 1 min to 12 hours
Sampling Rate: 1 or 2 sec/sample
Display: 4/20 alphanumeric LCD on screen display, TWA, STEL, MAX/MIN concentration, start/stop time
Memory: 21,500 data points
Output: RS-232, 9600 baud
Battery: 7.2v NiMH
Operating Time: 12 hours
Dimensions: 5.5x3.5x2.0 in
Weight: 1lb.

ACCESSORIES
TP-111 Tripod Stand
CS-111 Calibration Standard
ZA-111 Zeroing Accessory
KK-101 Cleaning Kit
DustComm Pro 1.2: Software