

Particle / Dust  
Monitor

# Piezobalance Dust Monitor Model 3521

## Respirable Aerosol Mass Monitor



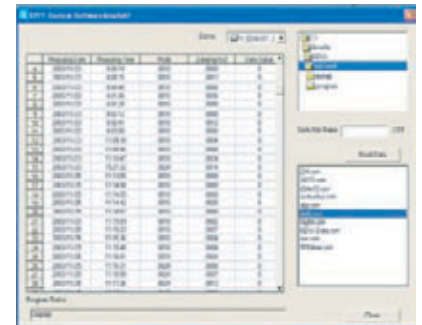
**IAQ Investigations**  
**Environmental Measurements**  
**Product Quality Control**  
**Laboratory Research**

### Features:

- Data logging ability allows user to log 500 samples
- Simple cleaning mechanism for easy maintenance
- RS232C port available as standard
- Back-lit display is easy to read in poor lighting conditions

### Benefits:

- While conventional dust meters “count” particulates, the Piezobalance dust meter “weighs” mass concentration of particulates
- Data can be reviewed on-screen, printed or downloaded to a computer
- Software included for easy data download and processing
- Easy operation requires no special training



### Specifications

Measuring Object	Airborne Particulate Matter < $\phi$ 10 $\mu$ m
Measuring Range	0.02-10mg/m <sup>3</sup>
Sampling Flow Rate	1liter/min
Measuring Time	Preset: 120 sec or 24 sec Manual: 10sec to 3600sec
Accuracy	+/-10% of rdg +/-1 digit (0 to 5mg / m <sup>3</sup> ) +/-20% of rdg +/-1 digit (5 to 10mg / m <sup>3</sup> )
Cleaning Frequency	Cleaning is required after every 10-20 measurements. "CLEANING" will appear on the display when it needs to be cleaned.
Data Logging	Max 500 date and time stamped samples
Digital Output (To PC or printer)	RS232C (Baud Rates 4800, 9600, and 19200)
Power Supply	AC (85V-240V) or DC Ni-MH battery
Dimensions	2.6" x 5.9" x 7.1" (65 x 150 x 180mm)
Weight	Approx. 4.4lbs. (Approx. 2kg)