

Particle / Dust  
Monitor

# Piezobalance Dust Monitor Model 3521

## Respirable Aerosol Mass Monitor



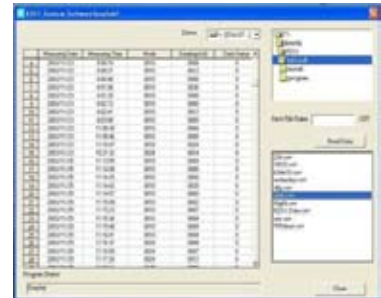
IAQ Investigations  
Environmental Measurements  
Product Quality Control  
Laboratory Research

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	1 liter/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)



### ETA Associates

119 Foster Street, Bldg #6 • Peabody, MA 01960

Tel: (978) 532-1330 • Fax: (978) 532 7325 • www.ETAassociates.com • eta@ETAassociates.com