Particle / Dust Monitor

Piezobalance Dust Monitor Model 3521

Respirable Aerosol Mass Monitor



IAQ Investigations
Environmental Measurements
Product Quality Control
Laboratory Research

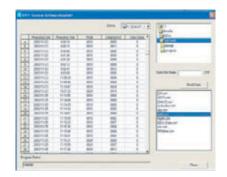
Features:

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 < φ 10 μm
Measuring Range	0.02-10mg/m ³
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 ³)
	+/-20% of rdg +/-1 digit (5 to 10mg / m ³)
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	RS232C (Baud Rates 4800, 9600, and 19200)
(To PC or printer)	
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)