

Digital Dust Monitor Model 3443

Features

- Particle size range: 0.1 to 10 μm
- Measuring range: 0.001 to 10 mg/m^3
- Data logging up to 100,000 measurements
- Analog, pulse, alarm output
- USB interface for data transfer
- Useful tripod mount
- Rubber protector and Shoulder strap included



Applications

- Indoor Air Quality Investigation
- Industrial Hygiene Quality Control
- Occupational Health Control
- Particulate Matter study

Benefits

- Compact and light weight unit
- Capable of analog and digital output
- More than 24 hours run time



Dust Monitor Ensures Worker Safety

Applications



Monitoring worker exposure to airborne contaminants



Particulate Matter study

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Specifications

Model	3443
Concentration Measurement Range	0.001 to 10.0 mg/m ³
Particle Size Range	0.1 to 10 μ m
Accuracy	± 10 %FS
Linearity	± 5 % of the indicated value
Measuring Method	Light Scattering
Light Source	Semiconductor Laser Diode
Detector System	Photodiode
Factor of Mass Concentration Conversion Coefficient	Settable on operation panel (Settable range: 0.1 ~ 9.9, in increments of 0.1)
Flow Rate Range	1L/min
Display	LCD with backlight
Data Log	Up to 100,000 measurements
Output	Analog, Pulse, Alarm Signal
Interface	USB
Power Supply	6 x AA batteries / AC adapter
Dimensions	W 4.3 x D 2.4 x H 6.4 inches (109 x 60 x 162 mm)
Weight (including batteries)	2.9 lb (1.3 kg)
Standard Accessories	Operation Manual, Rubber Cap, Rubber Cap String, LCD Protective Sheet, Filter, AC Adapter, Shoulder Strap, Communication Cable (USB), Measurement Software (for Windows)
Spare Accessories for Purchase	Analog Output Cable, Rubber Protector, Rubber Cap, LCD Protective Sheet, Filter, AC Adapter

* Specifications subject to change without prior notice

