



Portable Dust Monitor FM-DTM-A101

Overview

Portable Dust Monitor FM-DTM-A101 is equipped with a laser detector that categorizes particulate matter into PM10, PM2.5, and PM1 fractions. Incorporates a high-power carbon film self-priming pump and follows the pump suction method for the detection of particles. Our dust monitor offers dual-unit measurement, enhancing versatility for diverse standards and preferences. It has a user-friendly LCD touchscreen, ensuring intuitive and seamless operation.

Specifications :

Detection gas	Dust (PM10, PM2.5, PM1)
Detection method	Pump suction
Detection principle	Laser
Measurement range	(0 to 1000) ...g/m3; (0 to 1000) mg/m3
Resolution	1...mg/m3; 1mg/m3
Temperature Range	-20 to 60
Humidity	0 % to 95 % RH
Sampling time	1 minute
Sampling flow	0.5 l/min
Frequency	e 2 seconds
Alarm	Alarm sound and light
Response time	< 20s
Data storage	1000 (erasable)
Bluetooth transmission	10 meters (with obstacles); 30 meters (no obstacles)
Durability	5 years
Dimension	230 x 30 x 43cm
Weight	400g

Features :

- Integrated with sound and light alarm
- Operated with one key switch
- Supports data storage
- Portable and lightweight
- Optional blue tooth connection
- Features clock display and modification

Applications :

Widely utilized in occupational safety, environmental monitoring, indoor quality assessments, regulatory compliance, clean monitoring, educational and training purposes.