

**labodam**



# Dust Monitor

## LD-LDMR-A10

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## Dust Monitor LD-LDMR-A10

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Dust Monitor LD-LDMR-A10 based on light scattering principle is a portable unit which counts as well determine the mass concentration of particulates. Additionally it displays battery levels, flow rate, pump details etc. on the screen. SD card slot and USB port are available to store and transfer data respectively. It is widely used in laboratories, research institutes, industries, quality control department etc.

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### Features

- ▲ Based on Light scattering principle
- ▲ Determines the number as well as mass concentration of particulates
- ▲ Measures (particulate mass) PM10, PM2.5, PM1.0, TSP (total suspended particle)
- ▲ 15 channel particulate count of 0.3 to 25  $\mu\text{m}$  size
- ▲ High resolution touch screen
- ▲ Easy to operate
- ▲ Internal memory to store data
- ▲ Li-ion battery which can last for 8 hrs
- ▲ USB port to transfer data
- ▲ Data logger incorporated can store 120000 samples

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### Applications

It is widely used in quality control department, to test air quality in industrial areas, laboratories, research institutes, mining industry etc.

# Dust Monitor

## Specifications

Model No.	LD-LDMR-A10
Particulate matter concentration	PM10, PM2.5, PM1.0, TSP
Particulate channels and size	15 channels, 0.3 to 25 $\mu$ m
Sensitivity	0.0001 mg/m <sup>3</sup>
Measuring Range	0.01 to 20 mg/m <sup>3</sup>
Accuracy	$\pm$ 10%
Reproducibility	$\pm$ 2%
Flow Rate	1.0 to 2.83 L/min (Optional)
Sample Time	Arbitrary set
Dimensions	160 × 115 × 200 mm
Net Weight	2 kg

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