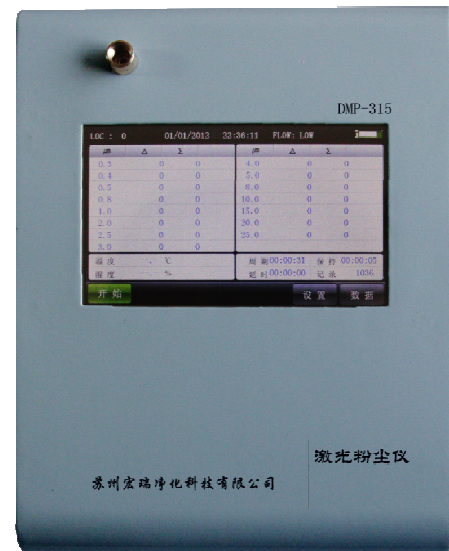


Dust Monitor Model DMP315

The Dust Monitor DMP315 is a small, battery operated, and completely portable unit. This unit measures particle in **15 channels**, (0.3um - 25um), or mass PM measurements (PM10, PM2.5, PM1.0, TSP). It has a High-resolution **Color Touch Screen**, easy to use. Information about flow rate, battery levels, etc. is displayed on the color touch screen when the unit is in operation. It has a built-in memory which can store several weeks of data.

Features

- Detection principle : Light Scattering
- While conventional dust meters "count" particulates, the dust meter "weighs" mass concentration of particulates.
- Four Mass Ranges and fifteen Particle Sizes
- High-resolution color touch screen, easy to operate. Requires no special training.
- 32M internal memory.
- Power: Li-ion battery, up to 8 hours continuous use
- Multiple communication modes.



Specifications

- Mass Concentration Ranges: PM10, PM2.5, PM1.0, TSP
- 15 Particle Size channels: (Between 0.3um and 25um)
- Sensitivity: 0.0001mg/m3
- Measuring Range: 0.01—20 mg/m3
- Accuracy: ±10%
- Reproducibility: ±2%
- Flow Rate: 1.0 - 2.83 L/min (User to specify at the time of ordering)
- Data logging capability allows user to log 120,000 samples.
- USB, ETHERNET and RS485 ports available
- Sample Time: Arbitrary set

Applications

- IAQ Investigations
- Outdoor air quality Investigations
- Industrial Hygiene
- Occupational Health & Safety
- Product Quality Control
- Laboratory Research
