

# EPC175 Particle Counter/Air Quality Meter

**Displays Particle Count (PM2.5/PM10), Air Temperature, Relative Humidity, Formaldehyde (HCHO) and TVOCs**

## Features:

- 3" Color TFT display with 5 brightness levels
- Memory stores 5000 data sets (PM2.5, PM10, date and time) and can be displayed as historical data curves
- PM2.5 programmable alarm with 5 selectable levels (10, 35, 75, 150, 200ppm)
- Programmable auto power off/auto sleep with disable
- Auto sleep turns off the display but measurement still continues
- Includes (1) Li-ion battery, AC Adapter and USB power/charging cable

## Applications:

Particle Counters are typically used for IAQ (indoor air quality) testing. They work by counting and sizing the number of particles in the air. This can help determine the air quality level in a building or industrial work environment. Industries include semi-conductors, pharmaceuticals, data centers, optics, aerospace, cleanrooms, operating rooms and other sensitive applications.



## Specifications

Particle Count	
PM2.5	0 to 999ug/m3
PM10	0 to 999ug/m3
Air Temperature	-4 to 158°F (-20 to 70°C)
Accuracy	±1.0°F/1°C
Relative Humidity	0 to 100%RH
Accuracy	±3.5%@20 to 80%RH
Formaldehyde (HCHO) range	0.01 to 5.00ppm
Accuracy	±5%FS
TVOC Range	0.01 to 9.99ppm
Accuracy	±5%FS
PM2.5 Alarm	5 selectable levels (10, 35, 75, 150, 200ppm)
Memory	5000 sets of particle count, date and time
Power	5V/1A AC adapter with battery backup
Dimensions	6.3 x 3.3 x 2.9" (160 x 85 x 73mm)
Weight	12.7oz (360g)

## Ordering Information:

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