

Particle Counter & Aerosol Monitor

2 IN 1 PMD 371

5 Years
Global Warranty *

2 Years
Free Calibration **



Description

Specialist particle counters monitor particles from 0.3 microns to 10 microns; real-time monitoring of PM1, PM2.5, PM4, PM10 and TSP mass concentrations.

Features

- **Handheld, 2-in-1**

The Temtop Mie scattering sensor detects 7 different particle sizes including 0.3µm, 0.5µm, 0.7µm, 1µm, 2.5µm, 5µm and 10µm to ensure the environment is as clean as you want it to be. Simultaneously detects the concentration of 5 different particles including PM1, PM2.5, PM4, PM10 and TSP.

- **ISO 21501 Certified**

PMD 371 comes with a Temtop calibration certificate that meets the standards of ISO-21501, NIST.

And combines with German Furgut pump, Parker filter and other worldwide suppliers to ensure accuracy and professionalism.

- **2-Year Free Calibration**

Temtop provides a 5-year warranty, and 2-YEAR FREE calibration service.

Zero calibration and flow rate calibration functions are also provided for your routine use (refer to user manual).

- **Easy to Read & Export**

4" large screen allows everyone to see all 7 channels' particle numbers at a glance.

Built-in 8,000,000 sets of data storage and support direct export to your PC via USB cable for further analysis.

- **Easy to Carry**

PMD 371 professional particle counter weighs less than 1kg. Great for carrying around and suitable for rapid on-site monitoring.

Technical Parameter Table

Model	PMD 371	Note
Particle Size Range	0.3μm, 0.5μm, 0.7μm, 1.0μm, 2.5μm, 5.0μm, 10.0μm PM1.0, PM2.5, PM4.0, PM10, TSP	/
Accuracy	±10%	Calibrate Aerosol
Flow Rate	2.83L/min	Accuracy ±5%
Principle	Light Scattering Technique	/
Laser Source	50mW, 780nm	/
Sampling Time	60s	Settable
Demonstrate	4 inch TFT LCD	/
Communication Method	RS-485	/
Data Export	USB	/
Memory	8,000,000 data	/
Batteries	Rechargeable Lithium Battery	/
Charging Time	3.5h	Under Normal Conditions
Operating Time	8h	Continuous Operation
Working Temperature	0 ~ 50°C	/
Storage Temperature	-20 ~ 60°C	/
Dimension	170mm x 110mm x 48mm	Exclude Inlet & Outlet Terminal
Weight	850g	/

* Warranty: During the warranty period, if any defect is found in the product, it can be replaced with a new one or repaired. The warranty does not cover instruments that have been altered or modified by misuse, negligence, accidents, acts of nature, or by any company other than 'Temtop'.

**Calibration: Temtop will provide one calibration service free of charge during the first year of the warranty period, with shipping costs to be paid by the customer. The calibrated instrument must not be contaminated by sampling chemicals, biological or radioactive contaminants, and the customer shall pay for the disposal of the calibrated equipment if such contamination is present.

Application Scenario



Filter Test



Filter Material Test



Clean Room Monitoring



Indoor Air Quality Monitoring



Industrial Measurement



QA Department