PMB Series Particle Counter

10 Years in Particulate Sensor, Professional yet Affordable

- **7 Channels Particle Size Monitoring**
  Simultaneously detect the particulate matter of 0.3μm, 0.5μm, 0.7μm, 1μm, 2.5μm, 5μm, 10μm with adjustable sampling time.

- **Efficient Sampling**
  Supports standard 2.83L/min or 28.3L/min sampling to ensure efficient sampling.

- **Easy to Read and Operate**
  Large 8" colour touch screen for easy reading and operation.

- **Reporting**
  ISO 14644-1,EU GMP & China GMP reports.

- **Data Retention**
  Data storage of more than 2 million items, integrated thermal printer to facilitate the printing of test reports.
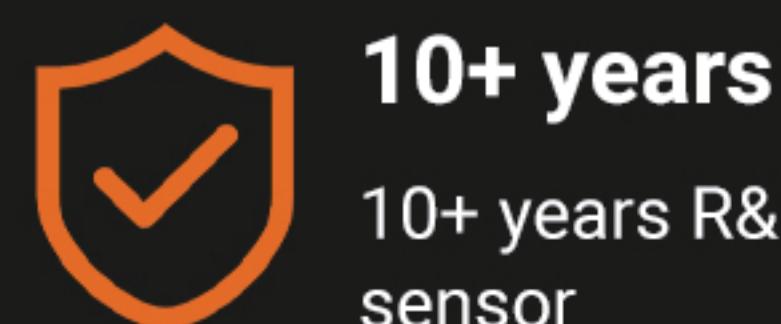
- **Certified Calibration**
  Conforms to CE, ISO21501-4, JJF1190-2008 standards.

Product	PMB 100	PMB 200	PMB 300
Particle Size Range	0.3μm, 0.5μm, 0.7μm, 1.0μm, 2.5μm, 5.0μm, 10μm		
Unit	P/L, P/TC, P/CF, P/m³		
Counting Efficiencies	0.3μm: 50%; ≥0.5μm: 100%		
Flow Rate	2.83L/min (Accuracy ±5%)	28.3L/min (Accuracy ±5%)	50L/min (Accuracy ±5%)
Principle	Light Scattering		
Laser Source	Long Life Laser Diode 50mW, 780nm		
Laser Component Life	20,000h+		
Working Voltage	12 ~ 24V		24V
Communication Method	RS485 etc.		
Working Temperature	0 ~ 50°C		
Storage Temperature	-20 ~ 60°C		
Weights	7.5kg	8kg	9.5kg
Dimension	250mm x 220mm x 198mm		

Temtop
Innovation Preceding All

Why Choose Temtop

Temtop Environmental Technology Co., ltd, a subsidiary of Elitech Technology, Inc. in the United States, specializes in optical scattering particle sensor technology and environmental monitoring instruments providing one-stop particulate matter monitoring solutions worldwide.

10+ years
10+ years R&D in PM2.5 sensor

1,000,000+ Customers
The choice of 1,000,000+ customers

Based USA
From California, Innovation Preceding All

200+ R&D Engineers
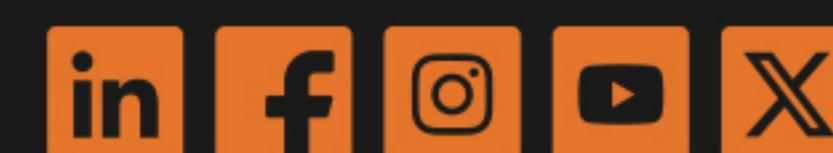Our company has 200+ R&D Engineers who create innovative solutions.

Model	PMD 331	PMD 351	PMD 371	PMB Series	PMS Series	AIRING-2000
0.3μm	√	—	√	√	√	√
0.5μm	√	—	√	√	√	√
0.7μm	√	—	√	√	√	—
1.0μm	√	—	√	√	√	√
2.5μm	√	—	√	√	√	—
5.0μm	√	—	√	√	√	—
10μm	√	—	√	√	√	—
PM1	—	√	√	—	—	—
PM2.5	—	√	√	—	—	√
PM4	—	√	√	—	—	—
PM10	—	√	√	—	—	√
TSP	—	√	√	—	—	√
Temperature & Humidity	—	—	—	—	—	√

Service and Support

Temtop provides comprehensive service and support including global warranty, technical assistance, and software & cloud solutions.

Email: business@temtopus.com
Website: www.temtopus.com/business

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