



Aerosol Photometer FM-APM-A100

Overview

Aerosol Photometer FM-APM-A100 with high sensitivity is capable of detecting particles as small as 0.01 μm for exceptional accuracy. It measures airborne particle concentrations, used in HEPA filter leak testing and containment validation. The user-friendly interface streamlines operations, minimizing errors. Our photometer is built with durable materials for aerosol testing and filter integrity assessments.

Specifications :

Dynamic Range	Up to 600 $\mu\text{g/L}$
Automatic Range	0.0001 % to 100.0 %
Sensitivity	1% of Readings for Ranges e0.01% to 100%
Repetitiveness	0.5% of Readings for Ranges e0.01% to 100%
Illuminant	Solid-State Scattering Chamber Light Source
Instrument Shell	Aluminum Cast
Aerosol Collagen Solutions	PAO, DEHS, Ondina
Output	RS232 Port Connection / External Printer
Alarm System	Audio Alarm / Video Alarm
Lifespan	50,000 to 100,000 hours
Reporting Modes	Continuous Mode / Storage Mode / Printing Mode
Scanning Probe	2.5 m Connection Assembly
Display	2.8-inch LCD
Power Supply	220 V, 50/60 Hz
Size (W \times D \times H)	260 \times 370 \times 160 mm
Weight	10.5 kg

Features :

- Adjustable flow rates
- Wide detection range
- Data logging capability
- High sensitivity sensors
- Efficient particle detection

Applications :

Aerosol Photometer FM-APM-A100 is a precision tool designed to measure airborne particle concentrations, ensuring HEPA filter testing and air quality compliance. Ideal for critical environments, it provides accurate, real-time data for maintaining contamination-free standards.

Accessories :

- Scanning Probes
- Upstream Sampling Tube
- Power Cord