

## Aerosol Photometer

### Introduction:

Aerosol Photometer is a professional test instrument to test the leakage of HEPA, designed on the base of light scattering principle, displays real-time leakage rate by detecting aerosol concentrations of upstream and downstream. Applicable for testing clean rooms, laminar flow benches, Biological safety cabinet, glove boxes, HEPA vacuum cleaners, HVAC systems, HEPA filters, ULPA filters, negative pressure filtration units, surgical suites, nuclear filter banks, collective protection filters, etc



### Application:

HEPA validation; Pharmaceutical, Electronics industry; Medical operating room, Cleanroom; Pharmaceutical packaging and manufacturing; Food processes and Scientific experiments; Equipment certification, Equipment Monitoring; Biological safety cabinet, Clean bench; Semiconductor Industry.

### Feature:

- \* Compact size, easy to carry.
- \* Main body adopts 5-inch color touch screen, more convenient operation, faster data processing.
- \* Directly display of leakage rate and pump sampling speed.
- \* Portable scanning probe, 3.5-inch color display, one-button operation, synchronous display with host screen, convenient for users to saw the test results.
- \* Automatically switch upstream and downstream.
- \* To make sure data reliable, stable, we use high quality pump and light-source.

### Technical Parameters:

| Model                 | BAP-350   |
|-----------------------|---|
| Measuring Scope       | 0.0001%~100.0% Color LCD screen display   |
| Dynamic Range         | 0mg/ m <sup>3</sup> ~120mg/m <sup>3</sup>   |
| Sensitivity           | 1% of readings (0.01% to100%)   |
| Reproducibility       | 0.5% of readings (0.01% to 100%)  |
| Flow Rate             | 1cfm (28.3L/min) ±5%  |
| Zero Reset            | Zero reset at start up  |
| Alarm                 | User selectable audible, visual alarms model when the user defined set point is exceeded. |
| Report                | Continuous/Storage (6000 data)/Print modes  |
| Reagent               | PAO, DOP  |
| Standard              | NSF49, IEST, ISO14644, EN61010-1:2010, EN61326-1:2006                                     |
| Power Supply          | AC100~240V,50/60Hz  |
| Standard Accessories  | Probe, connection device, upstream sampling pipe, power wire, Bluetooth printer           |
| External Size (W*D*H) | 258*178*360mm   |
| Net Weight            | 9.8kg (Main body) / 0.5kg (Probe)   |
| Packed Size (W*D*H)   | 660*540*350mm   |
| Gross Weight          | 34kg  |