

## APM-18 AEROSOL PHOTOMETER

**APM-18 Photometer** is the advanced digital, Liner Aerosol Photometer using the Light Scattering method. The basic function of the APM-18 is to sample air or other gases and report the mass Concentration of the sample. The most common application is to detect leak in High Efficiency Particulate Air filter System [HEPA]



### FEATURES AND BENEFITS:

- The Instrument uses 7" color touch LCD Screen and it is easy to view the Aerosol measurements and pump sampling rates. Using the button to control the Instrument conveniently. In built input editor without keyboard.
- Scanning Probe has 3.5 "Color Display tough LCD Screen and the tube 12 feet length, real time synchronized with the base Instrument.
- Reliable and Professional pump, detector and Light Source. The sensor and key components Produced with the Precision Process technology.
- Three kinds of data reporting, 2 G Data RAM, Wireless Printer, USB Interface.
- Professional R&D Team, 1 Year Limited warranty.

### TECHNICAL PARAMETERS

Dynamic Range	Up to 600 Microgram per Liter
Reagent Settings	PAO-4, DOP, Ondina, Mineral Oil Paraffin
Auto Zero	Automatically Establishes Zero Reading at start up
Sensitivity	1% of Readings $\geq 0.01$ % to 100%
Repeatability	0.5% of Readings $\geq 0.01$ % to 100%
Flow Control	Pulse width modulation [PWM] control ensures sampling rate of 1cfm [28.3] +/- 10% in all applications
Light Source	Solid State, rated for life of Instrument
Reporting	Continuous, Summary and Monitoring Modes
Alarm	User Selectable audible, visual and Vibration alarm notify the user when the user defined set point is exceed
Size	260 x 160 x 360 [W x H x D]
Weight	10 kg
Output	Wireless Printer, USB Interface
Power	220 VAC, 50/60 HZ
Standards Compliance	ISO 14644, NSF, IEST