

# 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:

1. 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.
2. Scanning Probe has 3.5 "Color Display tough LCD Screen and the tube 12 feet length, real time synchronized with the base Instrument.
3. Reliable and Professional pump, detector and Light Source. The sensor and key components Produced with the Precision Process technology.
4. Three kinds of data reporting, 2 G Data RAM, Wireless Printer, USB Interface.
5. 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 1 cfm [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                                                                                           |

**Elena Electronics Pacific Pvt. Ltd**

**3rd Floor, Plot No. 50/A/1, Survey Nos. 334-337, Bachupally,  
Medchal-Malkajgiri, Hyderabad, Telangana - 500090.**

**Tel: 9100073028, Email.Sales@elena.co.in, web: [www.elenaelectronics.com](http://www.elenaelectronics.com)**