



# STERILBIO ANALYTICS PTE. LTD.

SINGAPORE

## MODEL SA-F501 REMOTE AIRBORNE PARTICLE COUNTER



The Model SA-F501 Remote Particle Counter is a very compact sensor that is the heart of a Facility Monitoring System to monitor the Particle Counts in a controlled environment. Temperature/Humidity sensors as well as Differential Pressure sensors can also be incorporated into the system, with all the results being displayed on a computer.

## Features

- Portable, small size, easy to install
- Sensitivity: 0.5  $\mu\text{m}$
- Two size channels: 0.5  $\mu\text{m}$ , 5.0  $\mu\text{m}$
- Real-time data In-Built LCD display
- TCP/IP protocol communication LAN interface
- Built-in long-life pump
- Dedicated data acquisition software
- Temp/Rh and Diff. Pressure can also be monitored online
- Stainless Steel Casing
- Data reporting on Movicon Software

**Remote Continuous Particle Monitoring**

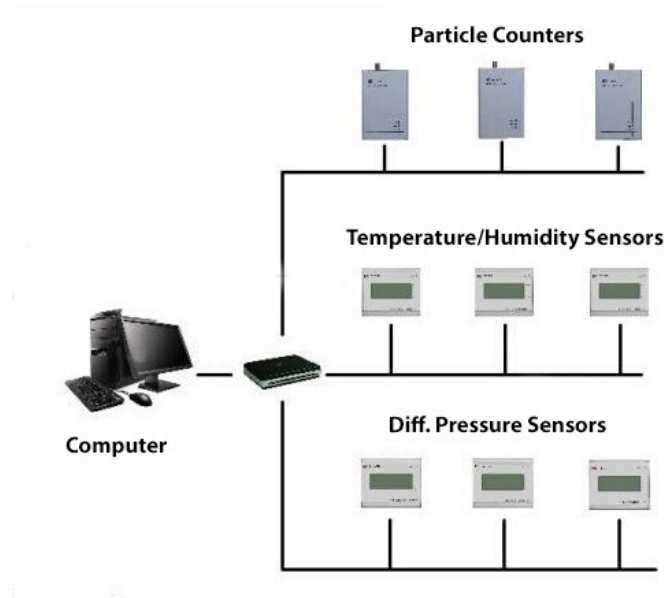
**0.1 cfm flow rate**

**Built-in Local Display**

**0.5 and 5.0 microns**

**Compact Size with Built-in Vacuum Pump**

## Connection Schematic

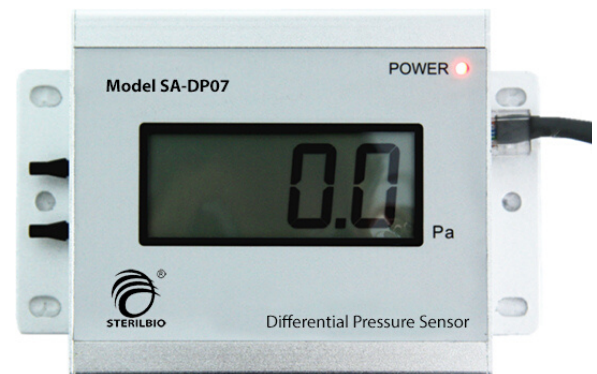


## Specifications

- Sensitivity : 0.5 microns (0.3 microns also available on request)
- Size Channels : 0.5, 5.0 microns (6 channels also available on request)
- Flow Rate : 0.1 cfm (2.83 lpm)
- Pump : Built-in long life pump
- Light Source : Laser Diode
- Indicators : Power, Communication & Status
- Size : 155 x 98 x 98 mm
- Power : 220V, 50 Hz
- Accessories Included : Isokinetic Probe
- Communication : LAN Interface
- Display : Local LCD Display



Temp/Humidity Sensor



Diff. Pressure Sensor

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