

# PRODUCT DATA SHEET

## Wall-mount Dust Particle Counter SW-625B



### Product Features:

- ✔ Wall mounted PM2.5 Monitor
- ✔ The scattering light of particles is collected by laser scattering principle.
- ✔ Alarm adjustable
- ✔ Easy to install at Conference Room, Hotel, Market, School, Hospital ward
- ✔ Wall hanging type. With the hanging hole, it can installed on the wall to or free stand on the table.
- ✔ Connecting computer with USB cable, down-load records, collect samples and print chart and date

- PM2.5 air quality detection: PM2.5
- Range: (0~500 ug/m<sup>3</sup>)
- Concentration unit: ug/cubic meter (ug/m<sup>3</sup>)
- Detection sensitivity: 1ug
- Measurement error: <math>\pm 10\%</math>
- Three-channel dust particle counter: 0.3um 2.5um 10um
- Flowrate: 1L/min
- Concentration unit: piece/L
- Sampling method: pumping
- Sampling principle: light scattering
- Light source: laser diode
- Detection method: manual
- Automatic power-off function: it will power off automatically if there is no operation within 2 minutes at power-on state.
- Environmental condition:
- Application environment: temperature scope: 5°C~45°C
- Humidity range: <math>\lt; 80\%RH</math>
- Storage environment: temperature scope: -20°C~60°C
- Humidity range: <math>\lt; 80\%RH</math>
- Sampling time: 50s
- Resolution ratio of sensor: ug/m<sup>3</sup>
- Storage record: 1000 groups of data
- Temperature measurement range: -40°C+125°C Precision  $\pm 0.5^\circ C$
- Humidity measurement range: 0-100%RH Precision  $\pm 2\%RH$



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