

## Particle monitoring System

**AES-1000**



### Simplified Measurement of Particulates

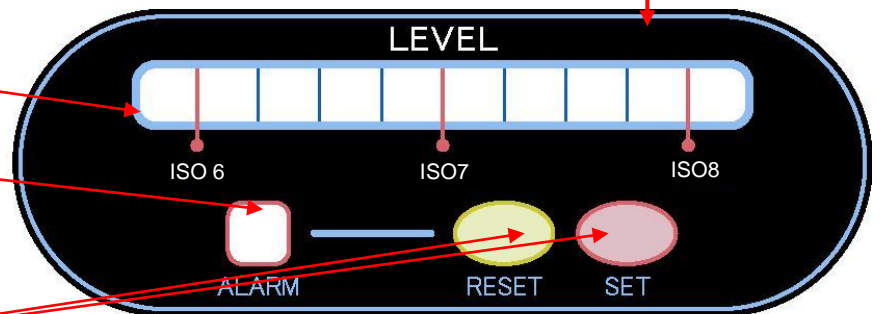
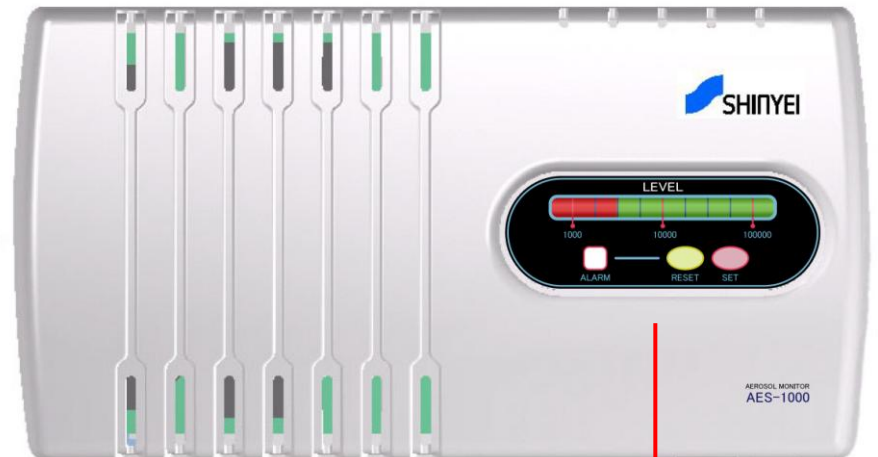
AES-1000 has an easy-to-read display, which shows current air cleanliness level (equivalent of ISO5/Class 100 – ISO8/Class 100,000) by using a scale of one to ten. You can set it up anywhere you would like to check the particulate levels in the air.

This can be linked to Ethernet system with the purpose of monitoring air cleanliness level. You can use existing LAN cable in your factory and office.

LED light continuously shows current air cleanliness.

Alarm comes on when the setting level goes beyond the required cleanliness level while monitor gives alarm signal output.

Set and reset for alarm.



### Specification

Monitoring Particle Size	0.5 $\mu$
Display	10 x LED lights shows equivalent of Class: 100(ISO5)-1,000(ISO6)-2,000-3,000-5,000-10,000(ISO7)-20,000-30,000-50,000-100,000(ISO8).
Sampling Method	Updraft airflow generated by built-in heater enables air sampling of approx. 0.26 gal per minute
Optics	Semiconductor Laser, 20,000 hour life
Alarm Display	Alarm LED light comes on when reaching to setting level
Alarm Output	TTL Open collector output in sync with alarm display
Interface	Ethernet X 1 port
Supply Voltage	12VDC+/-10% 500mA
Operating Temp/Humidity	0 to 40°C, 30 to 80%rh

### Configuration

