Air Quality Monitor

TES-5321 / 5322 Air Quality Monitor

Features

◆ Fine particulate matter (PM2.5) measurement.
◆ Mix gases (VOCs-Volatile organic compounds) measurement. High sensitivity to H2, C2H5OH, C4H10, CO and CH4. (5322)
◆ Temperature and Humidity measurements.
◆ Health index (0 ~ 9) detection and alarm.
◆ PM2.5 and VOCs time weighted average reading.
◆ Data hold and MAX/MIN with time stamp function.
◆ Six color LED indication air quality at good / moderate / poor.

◆ Preset warning point of buzzer alarm, LED and alarm output.
◆ Manual data memory and read function.
◆ Auto data logger function. (5322)
◆ USB Interface. (5322)
◆ Micro SD CARD 4GB (5322)

PM2.5 : 0 to 500 µg/m^3
VOCs : 1 to 50ppm (5322)
Humidity : 1% to 99%R.H.
Temperature : -20°C ~ +60°C (-4°F ~ +140°F)

Particle Counter

TES-5110 Particle Counter

Features

◆ 6 particle size channels : 0.3µm , 0.5µm , 1.0µm , 2.0µm , 5.0µm , 10µm
◆ Integrated temperature / humidity sensor (no need for external add-on).
◆ Flow rate 2.83 L/minute (0.1 CF / minute).
◆ Rechargeable battery provides up to 4 hours of continuous operation (charge time 2 hours).
◆ Buffer function allows storing and redisplay of up to 500 measurement data sets. (SD Card Memory)
◆ Password protection for measurement settings.

Applications:

◆ Monitoring clean rooms.
◆ Indoor air quality investigations.
◆ Monitoring growing rooms.
◆ Testing filter seals.
◆ Locating particle contamination sources.
◆ Monitoring particle size distributions.
   Sample flow rate: 2.83L/min
   Max. Particle concentration: 70,000 particles/L (coincidence loss max. 5%)
   Buffer function: Store and recall values for up to 500 measurements
   PC interface: USB interface
   SD storage device

TES-5200 Particle Mass Counter

Features

◆ Particle mass & particle counter in a single handheld unit.
◆ Six mass ranges (PM1, PM2.5, PM4, PM7, PM10, and TSP) and Eight particle sizes (0.5mm, 0.7mm, 1.0mm, 2.5mm, 4.0mm, 5.0mm, 7.0mm, 10mm).
◆ User K-factors setting for special particulate with different densities.
◆ Integrated temperature / humidity sensor (no need for external add-on).
◆ Flow rate 2.83 L / minute (0.1 CF / minute).
◆ Rechargeable battery provides up to 4 hours of continuous operation (charge time 2 hours).
◆ Buffer function allows storing and redisplay of up to 500 measurement data sets.

Applications:

◆ Controlled Environments
◆ Indoor Air Quality
◆ Hospitals & Clinics
◆ Monitoring Growing Rooms
◆ HVAC Applications
◆ Filter Testing
◆ Mining & Ore Processing
◆ Emission Sourcing
Sample flow rate: 2.83L/min
Max. Particle concentration: 105,900 particles / L (coincidence loss max. 5%)
Buffer function: Store and recall values for up to 500 measurements
PC interface: USB interface
SD storage device

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