

Conformance

- ISO 21501-4
- Bluetooth interface
- Wi-Fi connectivity(9891)



EMC
EN: 61326



Model 9890

This is a new type of particle counters, HVAC and IAQ specialist is the tool of choice, high-precision particle counter can be used to measure the filtration efficiency, monitoring, industrial clean rooms, pre-check the indoor air quality, locating particle sources in order to effectively improve the environment quality. This section particle counter has a large display, intuitive user interface and navigation map that allows users to test faster, simple and practical. Handheld design, can be used in any position, with Bluetooth or wireless technology or a USB cable for data output and the convenience of anytime, anywhere viewing and analyzing data.

Features

	9890	9891
3.5" TFT 960x480 pixels Color LCD display	*	*
Images(JPEG) & Video(3GP)	*	*
Simultaneously measure and display 6 channel of particle sizes, measure particle size down to 0.3 μm	*	*
Air temperature and humidity, Dewpoint & Wet bulb temperature	*	*
Max, Min, DIF, AVG record, Date/time setup controls, alarm	*	*
MicroSD (MAX. use 8GB) memory card, USB interface	*	*
Auto Power Off	*	*
Selectable sample time, count data, programmable delay	*	*
Store 10000 records of date, time, counts, relative humidity, temperature, sample volumes, alarms and location label	*	*
Language selection English, Chinese, French, German, Spanish	*	*
Bluetooth interface	*	*
Wi-Fi connectivity		*

Specifications

Particle Counter	
Channel	0.3, 0.5, 1.0, 2.5, 5.0, 10 μm
Flow Rate	0.1 ft^3 (2.83L/min) controlled by internal pump
Light source	Laser
Count Modes	Cumulative, Differential Concentration
Count efficiency	50% @ 0.3 μm ; >0.45 μm 100% (according to ISO21501)
Zero count	every five minutes counting (JIS B9921)
Concentration limits	10%, 4,000,000 particles per ft^3
Delay time	0-24 hour
Calibration	PSL particles in air
Operation environment	10 to 40°C (50°F to 104°F)
Storage environment	-10 to 50°C (-14°F to 122°F)
Air Temperature Measure	
Air Temp Range	0 to 50°C/32 to 122°F; Basic Accuracy: $\pm 1^\circ\text{C}/2^\circ\text{F}$
Humidity Range	0 to 100%RH; Basic Accuracy: $\pm 3.5\%\text{RH}$ (20%~80%RH)
Dew Point Temp. Range	-30~100°C/ -22~199°F
Wet Bulb Temp. Range	0~80°C/ 32~176°F

Size(HxWxD): 92mm x 239mm x 63mm

Weight: 790g

Accessories:

3.7V Li battery, USB cable, CD, gift box with carrying case.



Main Menu



GAS Detectors



Show readings on the images



6 channel of particle sizes