

9850M/9851M are Particle Counter with 2.8" color TFT LCD display & a microSD memory card, providing fast, easy and accurate readings for particle counter, HCHO detectors, air temperature & relative humidity measurements. It is the first combination of these measurements in global, would be the best instrument for environment protection and energy save. The dewpoint temperature measurement will be very visible for wet and dry proof. It is a good hand for industrial measurements and data analyzing, the real scene and time can be displayed on color TFT LCD. Any memory readings can be recorded in SD card. The user can be back in office to analyze the measured air quality under the support of software.



EMC
EN: 61326

Model 9851M

Features	9851M	9850M
2.8" TFT 320x240 pixels Color LCD display	*	*
Simultaneously measure and display 3 channel of particle sizes, measure particle size down to 0.3 μm & Mass Concentration	*	*
HCHO detectors	*	*
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 5000 records of date, time, counts, relative humidity, temperature, sample volumes, alarms and location label	*	*
Language selection English, Chinese, French, German, Spanish	*	*

Specifications	
Particle Counter	
Channel	0.3, 0.5, 1.0, 2.5, 5.0, 10μm
Flow Rate	0.1ft ³ (2.83L/min) controlled by internal pump
Count Modes	Totalize, Concentration, Audio
Coincidence Loss	5%, 2,000,000 particles per ft ³
Mass Concentration Channel	PM2.5 : 0~500ug/m ³ ; PM10 : 0~500ug/m ³
Air Temperature Measure	
Air Temp Range	0 to 50°C/32 to 122°F; Basic Accuracy: ±1°C/2°F
	0 to 100%RH; Basic Accuracy: ±3.5%RH(20~80%RH)
Humidity Range	±5%RH(0~20%RH)
	±5%RH(80~100%RH)
Dew Point Temp. Range	-30~100°C/ -22~199°F
Wet Bulb Temp. Range	0~80°C/ 32~176°F
HCHO Detectors	
HCHO (methanal) Range	0.01~5.00ppm; Basic Accuracy: ±5%F.S

Size(HxWxD): 240mm x 75mm x 57mm

Weight: 570g

Accessories :

NiMH battery, gift box with carrying case.

968/969 is a new core algorithm, comprehensive dynamics, night detection, digital signal processing, optical electromechanical integration, and other high-tech. Testing has high precision, stable performance, fast response time, easy to carry, easy to operate. On PM2.5 testing to innovative design and algorithm, greatly reducing the cost of the tester, and reached the international advanced nature of indicators of similar products.



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Features	968	969
2.4" TFT 320 x 240 pixels Color LCD display	*	*
The determination of suspended particle concentration in the air of the weight method (PM2.5/PM10)	*	*
PM2.5/PM10	*	*
Air temperature and humidity	*	*
Analog bar indicator	*	*
Auto Power Off	*	*
Wireless interface	*	*

Specifications		968	969
Particle Counter Channel	2.5,10um	*	*
Mass Concentration	PM2.5:0~2000ug/m ³ ;PM10:0~2000ug/m ³ ;	*	*
Resolution	1ug/m ³	*	*
Air Temperature Measurement			
Air Temp Range	0 to 50°C/32 to 122°F	*	*
Basic Accuracy	±1°C/2°F	*	*
Humidity Range	0 to 100%RH	*	*
Basic Accuracy	±5%RH @0 to 20%RH and 80 to 100%RH ±3.5%RH @20 to 80%RH	*	*

Size(HxWxD): 160mm x 85mm x 73mm

Weight: 360g

Accessories :

NiMH battery, gift box with carrying case.



Model 968



Model 969

DT-9680/9681 Particle Mass Concentration Detector

9680/9681 is Particle Mass Concentration Monitor with LCD display, providing fast, easy and accurate readings for particle counter, air temperature & relative humidity measurements. It can real-time monitor the indoor air quality and can store 5000 data, help you know the the health level of indoor environment. It will open the wireless interface, implementing household electronic products such as air conditioner, air purifier, so as to realize home automation and environment protection.

Features	9680	9681
Digital LCD display	*	*
Indicates health level of indoor environment.	*	*
The determination of suspended particle concentration in the air of the weight method(PM2.5)	*	*
The determination of suspended particle concentration in the air of the weight method(PM10)	*	*
Air temperature and humidity detector	*	*
Gas (HCHO, CO ₂) detector	*	*
Memory for 100 complete data sets (counts, relative humidity, temperature, date, time)	*	*
Max, Min, Date/Time setup controls, alarm	*	*
Low-power consumption mode	*	*
Wireless interface	*	*

Specifications		9680	9681
Particle Mass Concentration			
Channel	PM2.5 : 0~999ug/m ³	*	*
Channel	PM10 : 0~999ug/m ³	*	*
Air Temperature Measurement			
Air Temp Range	-20 to 70°C/-4 to 158°F; Basic Accuracy:±1°C/°F	*	*
Humidity Range	0 to 100%RH;	*	*
Basic Accuracy:	±3.5%RH@20 to 80%RH ±5%RH@0 to 20%RH or 80 to 100%RH	*	*
Gas Detectors			
HCHO Range	0.01~5.00 ppm; Basic Accuracy: ±5% F.S	*	*
CO ₂ Range	0~10000 ppm; Basic Accuracy: ±5%±75ppm	*	*

Size(HxWxD): 160mm x 85mm x 73mm

Weight: 360g

Accessories :

NiMH battery, gift box with carrying case.



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Model 9681