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PM-280/CM-280 PM2.5 Air Quality Detector



EMC
EN: 61326

Features

- PM2.5/PM10 (PM-280)
- Air temperature and humidity
- HCHO/ TVOC/CO detection
- CO₂ detection (CM-280)
- Auto Power Off
- Wireless interface



Specifications

	Size Channels	Range	Precision	Resolution	PM-280	CM-280
Particulate matter detection	PM2.5/PM10	0~2000ug/m ³		1 ug/m ³	*	*
HCHO detection		0.00~5.00ppm	±5% F.S	0.01ppm	*	*
TVOC detection		0.00~9.99ppm	±5% F.S	0.01ppm	*	*
CO ₂ detection		0~9999ppm	±75 ppm ±5% of reading	1ppm		*
CO detection		0~1000ppm	±5% F.S	1ppm	*	*
Temperature		-10 to 60°C / 14 to 140°F	±2°C (±3.6°F)	0.1°C /°F	*	*
Humidity		0~100%RH	±3.5%RH(20~80%RH) ±5%RH (0~20%RH/80~100%RH)	0.1%RH	*	*

Model PM-280

Size(HxWxD): 112mm x 60mm x 50mm **Weight:** 240g

Accessories : NiMH battery, gift box with carrying case.

DT-1703 Desktop Indoor Air Quality CO₂ Monitor

Features

- 7" Color TFT LCD Display
- Checks for Carbon Dioxide (CO₂) concentrations (0 to 9,999ppm) and displays Temperature (14 to 140°F / -10 to 60°C) and Relative Humidity (0.1 to 99.9%) readings
- NDIR (non-dispersive infrared) CO₂ sensor
- Indoor Air Quality displayed in ppm with Good, Normal, Poor indication
- Displays Year, Month, Date, and Time
- Max/Min CO₂ value recall function



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Specifications

Function	Range	Resolution	Accuracy
CO ₂	0-9999ppm	1ppm	±5%±75ppm
Temperature	-10 to 60°C/14 to 140°F	0.1°C/°F	±1°C/1.8°F
Humidity	0.1 to 100.0%RH	0.1%RH	±3%RH(25°C/30 to 99%RH) ±4%RH(25°C/0 to 30%RH)

Size(HxWxD): 205mm x 110mm x 35mm

Weight: 350g

Accessories : NiMH battery, gift box with carrying case.

Model 1703

DT-802/802D/802W Desktop Indoor Air Quality CO₂ Monitors



CE
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Features

- Checks for Carbon Dioxide (CO₂) concentrations with Max/Min value recall function
- NDIR (non-dispersive infrared) CO₂ sensor
- Indoor Air Quality displayed in ppm with Good (380 to 420ppm), Normal (<1000ppm), Poor (>1000ppm) indication
- Visible and Audible CO₂ warning alarm
- Displays Year, Month, Date, and Time
- Automatic Baseline Calibration (minimum CO₂ level over 7.5 days) or manual calibration in fresh air
- 802D Desktop Indoor Air Quality CO₂ Monitor with datalogger memory 32000 points.
- 802W Desktop Indoor Air Quality CO₂ includes wireless

Specifications

Function	Range	Resolution	Accuracy
CO ₂	0-9999ppm	1ppm	±75ppm(0-2000ppm)/±8%(2000-9999ppm)
Temperature	-5 to 50°C/23 to 122°F	0.1°C/°F	±1°C/1.8°F
Humidity	0.1 to 90.0%RH	0.1%RH	±3%RH(25°C/30 to 99%RH) ±4%RH(25°C/0 to 30%RH)

Model 802

Size(HxWxD): 110mm x 105mm x 61mm
Weight: 230g

Accessories :
NiMH battery, gift box with carrying case.

DT-1703 Desktop Indoor Air Quality CO₂ Monitor



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Specifications

Function	Range	Resolution	Accuracy
CO ₂	0-9999ppm	1ppm	±5%±75ppm
Temperature	-10 to 60°C/14 to 140°F	0.1°C/°F	±1°C/1.8°F
Humidity	0.1 to 100.0%RH	0.1%RH	±3%RH(25°C/30 to 99%RH) ±4%RH(25°C/0 to 30%RH)

Model 1703

Size(HxWxD): 205mm x 110mm x 35mm
Weight: 350g
Accessories : NiMH battery, gift box with carrying case.

DT-967

Desktop Indoor Air Quality CO₂ Monitor

CEM

Features

- Measures Carbon Dioxide (CO₂), Air Temperature and Humidity with user adjustable high/low alarms and choice of datalogging model with memory 999 points
- 2.4" TFT Color Display
- Checks for Carbon Dioxide (CO₂) concentrations (0 to 9,999ppm) and displays Temperature (14 to 140°F / -10 to 60°C) and Relative Humidity (0.1 to 99.9%) readings
- NDIR (non-dispersive infrared) CO₂ sensor
- Indoor Air Quality displayed in ppm with Good, Normal, Poor indication
- Displays Year, Month, Date, and Time
- Max/Min CO₂ value recall function

Specifications

Function	Range	Resolution	Accuracy
CO ₂	0-9999ppm	1ppm	±5%±75ppm
Temperature	-10 to 60°C/14 to 140°F	0.1°C/°F	±1°C/1.8°F
Humidity	0.1 to 100.0%RH	0.1%RH	±3%RH(25°C/30 to 99%RH) ±4%RH(25°C/0 to 30%RH)

Size(HxWxD): 110mm x 100mm x 48mm
Weight: 210g

Accessories :
NiMH battery, gift box with carrying case.



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EMC
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Model 967

DT-968/968W/969/969W PM2.5 Air Quality Detector

968/969 is a new core algorithm, comprehensive dynamics, night detection, digital signal processing, optical electro-mechanical 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 reach the international advanced level of similar products.



Features

	968	968W	969	969W
2.4" TFT 320 x 240 pixels Color LCD display	*	*	*	*
PM2.5/PM10	*	*	*	*
Air temperature and humidity	*	*	*	*
Analog bar indicator	*	*	*	*
Auto Power Off	*	*	*	*
HCHO			*	*
Wireless interface		*		*

Specifications

		968	968W	969	969W
Particle Counter Channel	2.5, 10um	*	*	*	*
Mass Concentration	PM2.5: 0~2000ug/m ³ ; PM10: 0~2000ug/m ³	*	*	*	*
Resolution	1ug/m ³	*	*	*	*
HCHO	0.00~5.00mg/m ³			*	*
HCHO Accuracy	±5%F.S			*	*
Air Temperature Measurement					
Air Temp Range	0 to 50°C/32 to 122°F	*	*	*	*
Basic Accuracy	±1°C/1.8°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

Accessories :

Weight: 360g

NiMH battery, gift box with carrying case.



Wi-Fi

CE

EMC
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Model 968

DT-9680/9681/9682

Air Quality Monitor

CEM

9680 Series 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 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	9682
Digital LCD display	*	*	*
Indicates health level of indoor environment.	*	*	*
PM2.5/PM10	*	*	*
HCHO detector	*	*	*
TVOC detector	*	*	*
CO ₂ detector		*	*
Air temperature and humidity detector	*	*	*
Memory for 100 complete data sets (counts, relative humidity, temperature, date, time)	*	*	*
Date/Time setup controls, alarm	*	*	*
Low-power consumption mode	*	*	*
Wireless interface (Optional)			

Specifications

		9680	9681	9682
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	*	*	*
TVOC Range	0.01~9.99 ppm; Basic Accuracy: ±5% F.S	*	*	*
CO ₂ Range	0~10000 ppm; Basic Accuracy: ±5%±75ppm		*	*

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

Accessories :

Weight: 360g

NiMH battery, gift box with carrying case.

CE

EMC
EN: 61326



Wi-Fi

Model 9680



Model HC-01

After the Smart HCHO Monitor is connected to the mobile phone through USB, It will run automatically. The main screen on the APP will show the measuring data include HCHO/TVOC/Temperature/Humidity at real time. The app will prompt the pollution level and provide some advice to solve the pollution. The app will automatically carry out statistical analysis and show the monitoring curve.

Features

- The device can work only by plugging into the phone without battery
- Show monitoring curve at real time
- Analyze the data and prompt pollution level automatically
- Continuously recording and single recording
- History data checking, statistical analysis and data export
- Provide reasonable suggestions for removing the HCHO

Specification

Function	Range	Resolution	Accuracy
HCHO	0.00~5.00ppm	±5% F.S	0.01ppm

Size(HxWxD): 64mm x 33mm x 14mm

Weight: 100g



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