

Particle Counter



- 2.8"** TFT color LCD display
- Support **Particle** measurement
- Support **Harmful Gases** measurement
- Support **Air, Dewpoint, Wet bulb Temp. & Air Humidity** measurement
- Support **Images**(JPEG) capture capabilities
- Support **Video**(3GP) capture capabilities
- Date/Time** setup controls
- USB** interface
- Data Logger
- Support **MicroSD** memory card extension

9880/9881/9882/9880M/9881M are Particle Counter with 2.8" color TFT LCD display & a microSD memory card for capturing images(JPEG) or video(3GP) for viewing on your PC, providing fast, easy and accurate readings for particle counter, GAS (HCHO,CO) 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.

Features

	9880	9881	9882	9880M/ 9881M
2.8" TFT 320x240 pixels Color LCD display	*	*	*	*
Images(JPEG) & Video(3GP)	*	*	*	*
Simultaneously measure and display 6 channel of particle sizes, measure particle size down to 0.3 μ m	*	*	*	*
The determination of suspended particle concentration in the air of the weight method (PM2.5/PM10)				*
GAS (HCHO,CO) 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	*	*	*	*
Bluetooth interface			*	

Specifications

Particle Counter		9880	9881/ 9882	9880M/ 9881M
Channel	0.3, 0.5, 1.0, 2.5, 5.0, 10 μ m	*	*	*
Flow Rate	0.1 ft 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 : 0~500 μ g/m ³ ; PM10: 0~500 μ g/m ³			*
Air Temperature Measure				
Air Temp Range	0 to 50°C/32 to 122°F; Basic Accuracy: $\pm$ 0.5°C/1°F	*	*	*
Humidity Range	0 to 100%RH; Basic Accuracy: $\pm$ 2.5%RH(20%~80%RH)	*	*	*
Dew Point Temp. Range	-30~100°C/-22~199°F	*	*	*
Wet Bulb Temp. Range	0~80°C/ 32~176°F	*	*	*
GAS Detectors				
HCHO (methanal) Range	0.01~5.00ppm; Basic Accuracy: $\pm$ 5%F.S		*	*/*
CO (carbon monoxide) Range	0~1000ppm; Basic Accuracy: $\pm$ 5%F.S		*	*/*

Size(HxWxD): 240mm x 75mm x 57mm
Weight: 570g

Accessories :

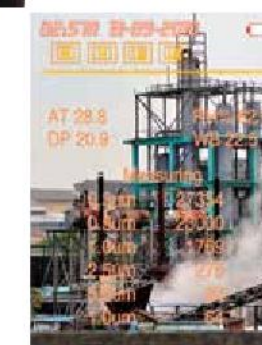
NiMH battery, gift box with carrying case.



Main Menu



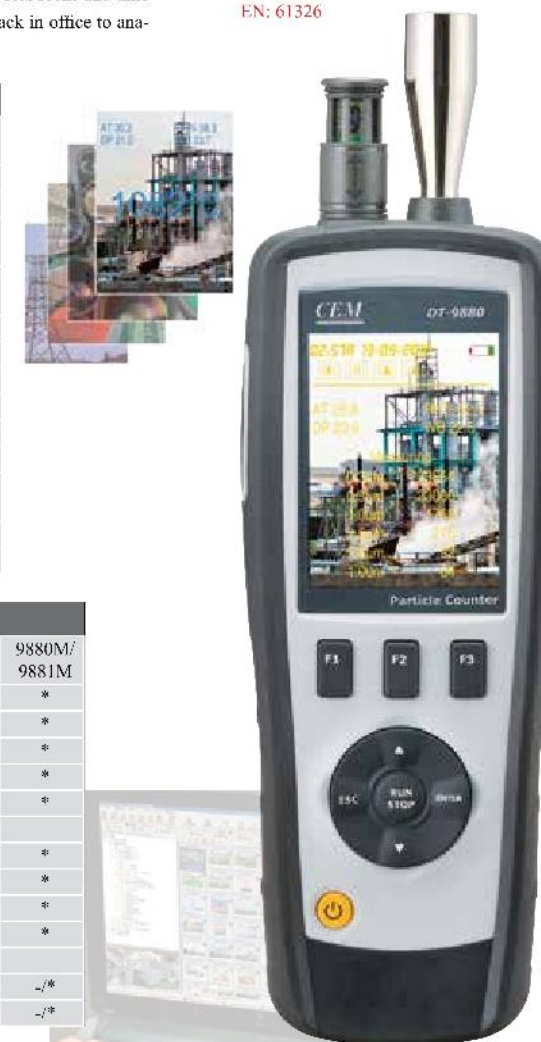
GAS Detectors



Fold reading on the images



JPG images/AVI videos



9830/9831 are Particle Mass Concentration Detector with 2.8" white LED display, providing fast, easy and accurate readings for particle counter, 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. 9831 provides particle counter, air temperature, relative humidity & CO₂ Measurement.



EMC
EN: 61326



Model 9830

Features

	9830	9831
2.8" 16x24 pixels white LED display	*	*
The determination of suspended particle concentration in the air of the weight method (PM2.5/PM10)	*	*
CO ₂ detector		*
Air temperature and humidity detector	*	*
Max, Min, setup controls, alarm	*	*
Auto Power Off	*	*

Specifications

Particle Mass Concentration		9830	9831
Mass Concentration Channel	PM2.5 : 0~500ug/m ³ ; PM10: 0~500ug/m ³	*	*
Air Temperature Measurement			
Air Temp Range	0 to 50°C/32 to 122°F; Basic Accuracy: ±0.5°C/1°F	*	*
Humidity Range	0 to 100%RH; Basic Accuracy: ±2.5%RH(20%~80%RH)	*	*
CO ₂ Measurement			
CO ₂ (carbon dioxide) Range	300~5000ppm; Basic Accuracy: ±5%±75ppm		*



Model 9831



96 Particle Counter with 2.0" color TFT LCD display provides fast, easy and accurate readings for particle counter & particle mass concentration with 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 dew point temperature measurement will be very visible for wet and dry proof.



EMC
EN: 61326

Model 96



Features

2.0" TFT 320x240 pixels Color LCD display
The determination of suspended particle concentration in the air of the weight method (PM2.5/PM10)
Particle Counter PM2.5/PM10
Air temperature and humidity, Dew point & Wet bulb temperature
Max, Min, DIF, AVG record, Date/time setup controls, alarm
Auto Power Off
Selectable sample time, count data, programmable delay
Language selection English, Chinese, French, German, Spanish
Bluetooth interface

Specifications

Particle Counter	
Channel	2.5, 10µm
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: ±0.5°C/1°F
Humidity Range	0 to 100%RH; Basic Accuracy: ±2.5%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): 185mm x 55mm x 38mm

Weight: 139g

Accessories :

NiMH battery, gift box with carrying case.

