CEM

DT-9880/9881/9882/9880M/9881M
Particle Counter with TFT color LCD display & Camera function
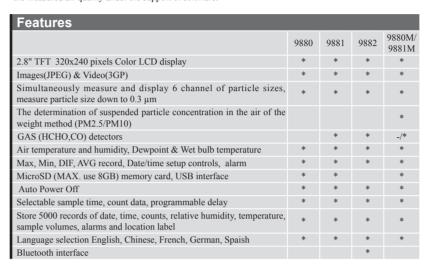
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Particle Counter

Dewpoint Wet bulb | Video | Camera | Bluetooth | Meterbox Meterbox

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 visiable 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.

CE

EMC
EN: 61326

Model 9880

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 µm	*	*	*	*
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, Spaish	*	*	*	*
Bluetooth interface			*	

Specifications

Particle Counter		9880	9881/9882	9880M/9881M
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 50ºC/32 to 122ºF; Basic Accuracy: ±0.5ºC/1ºF	*	*	*
Humidity Range	0 to 100%RH; Basic Accuracy: ±2.5%RH(20%~80%RH)	*	*	*
Dew Point Temp. Range	-30~100ºC/ -22~199ºF	*	*	*
Wet Bulb Temp. Range	0~80ºC/ 32~176ºF	*	*	*
GAS Detectors				
HCHO (methanal) Range	0.01~5.00ppm; Basic Accuracy: ±5%F.S		*	-/*
CO (carbon monoxide) Range	0~1000ppm; Basic Accuracy:±5%F.S		*	-/*

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

Accessories :
NiMH battery, gift box with carrying case.

Particle Sensor | Temp./%RH Sensor | GAS Sensor | Camera Sensor | USB Interface

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2.8" **2.8"** TFT color LCD display

Support **Particle** measurement

Support **Harmful Gases** measurement

Suppor, **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 extention

Main Menu

GAS Detectors

Fold reading on the images

JPG images/AVI videos

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