



## DT-9850M/9851M

Particle Counter with TFT color LCD display 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.



Features		
	9851M	9850M
2.8" TFT 320 x 240 pixels Color LCD display	*	*
Simultaneously measure and display 3 channel of particle sizes, measure particle size down to 0.3 $\mu$ m & Mass Concentration	*	*
HCHO detectors	*	
Air temperature and humidity, Dewpoint & Wet bulb temperature	*	*
Max, Min, DIF, AVG record, Data/time setup controls, alarm	*	*
MiscroSD(MAX. use 8GB) memory card, USB interface	*	*
Auto Power Off	*	*
Selectable sample time, count data, programmable delay	*	*
Store 5000 records of data, time, counts, relative humidity. Temperature, sample volumes, alarms and location label.	*	*
language selection English, Chinese, French, German, Spanish	*	*

Specification	
Particle Counter	
Channel	0.3,2.5,,10 $\mu$ m
Flow Rate	0.1ft <sup>3</sup> (2.83L/min) controlled by internal pump
Count Modes	Totalize, Concentration, Audio
Coincidence Loss	5%, 2,000,000 particles per ft <sup>3</sup>
Mass Concentration Channel	PM2.5: 0~500ug/m <sup>3</sup> ; PM10: 0~500ug/m <sup>3</sup>
Air Temperature Measure	
Air Temp Range	0 to 50°C/32 to 122°F; Basic Accuracy: $\pm 1^\circ\text{C}/^\circ\text{F}$
Humidity Range	0 to 100%RH; Basic Accuracy: $\pm 3.5\%RH(20-80\%RH)$
	$\pm 5\%RH(0-20\%RH)$
	$\pm 5\%RH(80-100\%RH)$
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: $\pm 5\%F.S$

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

Weight: 570g

**Accessories:** NiMH battery, gift box with carrying case.