

Particle Counter with TFT color LCD display & Camera function

Features

Simultaneously measure and display 6 channels of particle sizes (down to 0.3 μm), Air Temperature, Humidity, Dew Point and Wet Bulb

2.8" TFT Color LCD display

Built-in 320x240-pixel camera takes videos (3GP) and photo images (JPEG) and records them in internal 74MB memory

Stores 5000 records (date, time, counts, humidity, temperature, sample volumes, and location label) and 20 minutes of video

Selectable sample time, count data, and Programmable delay

Air Temperature and Humidity, Dew Point & Wet Bulb Temperature

Gas (HCHO, CO) Detectors **(DT-9881 only)**

Max, Min, DIF, AVG record, Date/time setup controls

Auto Power Off

Language selection: English, French, German, Spanish

Tripod mount for continuous recording

Mini-USB Port Connection

Micro SD card slot in battery compartment (memory card not included; max size 8GB)













• DT-9880

SPECIFICATIONS

Particle Counter	
Channels	0.3,0.5,1.0,2.5,5.0,10 μm
Flow Rate	0.1ft ³ (2.83L/min)
Counting Efficiency	50% @ 0.3 μm ; 100 % for particles > 0.45 μm
Coincidence Loss	5% at 2,000,000 particles per ft ³
Data Storage	5000 sample records (Micro-SD card)
Count Modes	Cumulative, Differential, Concentration,
HCHO Measurement (DT-9881 only)	
Range	0.01~5.00PPM
Basic Accuracy	$\pm 5\%$ F.S
Display Resolution	0.01ppm
CO Measurement (DT-9881 only)	
Range	10~1000PPM
Basic Accuracy	$\pm 5\%$ F.S
Display Resolution	1ppm
Air temperature and Relative humidity measurement	
Air Temperature Range	0°C to 50°C (32°F to 122°F)
Dew-point Temperature Range	0°C to 50°C (32°F to 122°F)
Relative Humidity Range	0 to 100%RH
Air temperature Accuracy	$\pm 0.5^\circ\text{C}$ (0.9°F) 10°C to 40°C
	$\pm 1.0^\circ\text{C}$ (1.8°F) others
Dew-Point temp. Accuracy	$\pm 0.5^\circ\text{C}$ (0.9°F) 10°C to 40°C
	$\pm 1.0^\circ\text{C}$ (1.8°F) others
Relative Humidity Accuracy	$\pm 3\%$ RH 40% to 60%
	$\pm 3.5\%$ RH 20% to 40% and 60% to 80%
	$\pm 5\%$ RH 0% to 20% and 80% to 100%
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)
Relative Humidity	10 to 90%RH non-condensing
Power	
Battery	Rechargeable battery
Battery Life	About 4 hours continuous use
Battery Charge Time	About 2 hours with AC adapter

 EMC
EN: 61326

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

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

Weight: 570g

Included Accessories

- NiMH Battery
- Universal Adaptor
- Instruction Manual
- Tripod Stand
- Carrying Case