

CEM



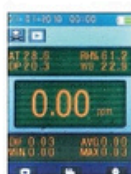
DT-9880/DT9881/DT-9882 DT-9880M/DT-9881M

Particle Counter with TFT color LCD display & Camera Function

DT-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.



Main Menu



GAS Detectors



Fold reading on the images



JPG images/AVI videos



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



DT-9880/DT9881/DT-9882

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

| Features | DT-9880 | DT-9881 | DT-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, Spanish | ✖ | ✖ | ✖ |

| Specifications | | DT-9880 | DT-9881 | DT-9880M/9881M |
|--------------------------------|---|---------|---------|----------------|
| Particle Counter | | | | |
| Channel | 0.3, 0.5, 1.0, 2.5, 5.0, 10 μm | ✖ | ✖ | ✖ |
| 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 : 0~500 $\mu\text{g}/\text{m}^3$; PM10: 0~500 $\mu\text{g}/\text{m}^3$ | | | ✖ |
| Air Temperature Measure | | | | |
| Air Temp Range | 0 to 50°C/32 to 122°F; Basic Accuracy: $\pm 0.5^\circ\text{C}/1^\circ\text{F}$ | ✖ | ✖ | ✖ |
| Humidity Range | 0 to 100%RH; Basic Accuracy: $\pm 2.5\%\text{RH}$ (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: $\pm 5\%\text{F.S}$ | | ✖ | -/✖ |
| CO (carbon monoxide) Range | 0~1000ppm; Basic Accuracy: $\pm 5\%\text{F.S}$ | | ✖ | -/✖ |

Size (H x W x D) : 240mm x 75mm x 57mm

Weight : 570g

Accessories : NiMH battery, gift box with carrying case.

