



This 4 in 1 Particle Counter comes with 2.8" color TFT LCD display & a MicroSD memory card for capturing images (JPEG) or video (3GP) for viewing on your PC. Proving fast, easy and accurate readings for particle counter, GAS (HCHO, CO) detectors (Model DT-9881 only), air temperature & relative humidity, most surface temperature measurements. It is the first combination of these measurements in world. Would be the best instrument for environment protection and energy conservation. The dew-point temperature measurement will be very visible for wet and dry proof. It is a good handy industrial measurement and data analyzer. The real scene and time can be displayed on color TFT LCD. Any memory readings can be recorded in Micro SD card. Offline analysis of the measured air quality under the support of software, can be done.



DT-9881 / 9880 PARTICLE COUNTER

- | 2.8" TFT Color LCD display
- | 320*240 pixels
- | Images (JPEG) & Video (3GP)
- | Micro-SD (max. 8GB) memory card
- | Air temperature and humidity
- | Dew-Point & Wet Bulb temperature
- | Simultaneously measure and display 6 channel of particle sizes
- | HCHO detectors (DT-9881 only)
- | CO detectors (DT-9881 only)
- | MAX, MIN, DIF, AVG record, Date/time setup controls
- | Auto Power Off

General Specification

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|--|---|
| Channels | 0.3, 0.5, 1.0, 2.5, 5.0, 10um |
| 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 | ±5%F.S |
| Display resolution | 0.01ppm |
| CO Measurement (DT-9881 only) | |
| Range | 10~1000PPM |
| Basic Accuracy | ±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 | ±0.5°C (0.9°F) 10°C to 40°C ±1.0°C (1.8°F) others |
| Dew-point temp. Accuracy | ±0.5°C (0.9°F) 10°C to 40°C ±1.0°C (1.8°F) others |
| Relative Hum. Accuracy | ±3%RH 40% to 60% ±3.5%RH 20% to 40% and 60% to 80% ±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 |
| Display | 2.8" 320*240 Color LCD with backlight |
| Power | |
| Battery | Rechargeable battery |
| Battery Life | About 4 hours continuous use |
| Battery Charge Time | About 2 hours with AC adapter |

Accessories

NiMH Battery, Gift Box, Carrying Case and Instruction Manual.

Contact :

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