



MT970

## PARTICLE COUNTER

MT970 is a Particle Counter with 2.8 colour TFT LCD display that shows real scene and time display. Is supplied with a micro SD memory card for capturing images (JPEG) or video (3GP) for viewing on you PC, and providing fast, easy and accurate readings. Ideal combination instrument for measuring of particle concentration, gas (HCHO, CO) detectors, air temperature, relative humidity and wet bulb temperature measurements.

MT970 is the perfect instrument for industrial measurements and data analyzing.

### Features

- Particle measurements
- Air measurements
- Dewpoint measurements
- Wet bulb temperature
- Air Humidity measurements
- 2.8: TFT 320 x 240 pixels colour LCD
- Images (JPEG) and Video (3GP)
- Simultaneously measure and display 6 channel of particle sizes
- Measure particle size down to 0.3µm
- Gas (HCHO, CO) detectors
- Min / Max / DIF / Average
- Date / Times / Alarm
- MicroSD (8GB) / Bluetooth / USB
- Selectable sample time, count data, programmable delay
- Memory 5000 readings
- Data logger

Function	Range	Accuracy
Air temperature	10°C to 40°C	±(0.5°C)
Humidity	@ 40% to 80% RH	±(3%RH)
Channel	0.3, 0.5, 1.0, 2.5, 5.0, 10	
Air temperature range	0°C to 50°C	
Humidity range	0 to 100%RH	
Dew Point temperature range	0°C to 50°C	±(0.5°C) 10°C to 40°C
Images and Video	JPEG and 3GP	
Flow rate	0.1ft <sup>3</sup> (2.83L/min) controlled by internal pump	
Counting Efficiency	50% @ 0.3µm; 100% for particles less than 0.45µm	
Coincidence Loss	5%, 2,000,000 particles per ft <sup>3</sup>	
Count modes	Cumulative, Differential, Concentration	
Storage	Micro SD max 8GByte	
Data	5000 sample records	
Size	240 x 75 x 57mm	
Weight	570g	



## MINI PARTICLE COUNTER

The MT96 Particle Counter with a 2" colour TFT LCD display provides fast, easy and accurate readings for particles down to 2.5µm for particle counter and particle mass concentration with air temperature and relative humidity. The dew point temperature measurement will be very visible for wet and dry proof. It is the first measurements in global, and would be the ideal instrument for environment protection and energy saving.



MT96

### Features

- 2.0" TFT Colour LCD
- Measure particle in the air
- Relative humidity and temperature
- Auto power off
- Simultaneously measures PM2.5 & PM10
- Analogue bargraph indication
- Memory 5000 readings
- Date/Time/Alarm
- Selectable sample times 30s, 1min, 2min or 5min

Function	Range	Accuracy
Channel	2.5µm, 10µm	
Mass Concentration	PM2.5:0 to 2000ug/m <sup>3</sup> PM10:0 to 2000ug/m <sup>3</sup>	
Resolution	1ug/m <sup>3</sup> s	
Air Temperature range	0°C - 50°C	±(1°C)
Humidity range	0 - 100%RH	±(3.5%RH) @ 20% - 80% RH
Humidity Resolution	0.1%RH	
Interface	Bluetooth	
Size	185 x 55 x 38mm	
Weight	139g	

## DESKTOP

The MT662 is a triple display low cost combined clock/alarm, temperature and humidity meter with a temperature range from 0°C to 50°C, and humidity range from 10% to 90%. The MT662 offers a "Comfort Zone" indicator which is displayed when the temperature is between 18°C and 22°C and the Humidity is between 45% and 65%.

Other features include a MIN/MAX record mode, temperature and humidity trend mode. This meter is wall mountable or can stand on a desk top and is ideal for use in checking the climate in offices, shops, factories, home and green houses.

### Features

- Triple display low cost combined clock / alarm, temperature and humidity meter
- Temperature range from 0°C to 50°C
- Humidity range from 10% to 90%.
- Min / Max
- °C or °F
- Highest / Lowest temperature
- Humidity memory function
- Wall mountable and can stand on a desk top

Function	Range	Accuracy
Temperature	0°C to 50°C	±(1.0°C)
Temperature resolution	0.1°C	
Relative Humidity	10 to 90%RH	±(5% RH)
Relative humidity resolution	0.01RH	
Size	108 x 60 x 15mm	
Weight	74g	



MT662