

Tenma 72-10190 Particle Counter with TFT colour LCD display & Camera function

Features	
2.8" TFT 320x240 pixels Color LCD display	
Image(JPEG) & Video(3GP)	
Simultaneously measure and display 6 channel of particle sizes	
Air temperature and humidity, Dewpoint & Wet bulb temperature	
Max, Min, DIF, AVG record, Date/time setup controls, alarm	
MicroSD (MAX, use 8GB) memory card	
Auto Power Off	

Specifications	
Particle Counter	
Channel	0.3,0.5,1.0,2.5,5.0,10 μ m
Flow Rate	0.1ft ³ (2.83L/min)
Counting Efficiency	50% @ 0.3 μ m; 100% for particles > 0.45 μ m
Coincidence Loss	5%, 2,000,000 particles per ft ³
Data Storage	5000 sample records (MicroSD card)
Count Modes	Cumulative, Differential, Concentration,
Air Temperature and Relative humidity measurement	
Air Temperature Range	0 $^{\circ}$ C to 50 $^{\circ}$ C (32 $^{\circ}$ F to 122 $^{\circ}$ F)
Dewpoint Temperature Range	0 $^{\circ}$ C to 50 $^{\circ}$ C (32 $^{\circ}$ F to 122 $^{\circ}$ F)
Relative Humidity Range	0 to 100%RH
Air temperature Accuracy	\pm 0.5 $^{\circ}$ C (0.9 $^{\circ}$ F) 10 $^{\circ}$ C to 40 $^{\circ}$ C
	\pm 1.0 $^{\circ}$ C (1.8 $^{\circ}$ F) others
Dewpoint temp. Accuracy	\pm 0.5 $^{\circ}$ C (0.9 $^{\circ}$ F) 10 $^{\circ}$ C to 40 $^{\circ}$ C
	\pm 1.0 $^{\circ}$ C (1.8 $^{\circ}$ F) others
Relative Hum. 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 $^{\circ}$ C to 50 $^{\circ}$ C (32 $^{\circ}$ F to 122 $^{\circ}$ F)
Storage Temperature	-10 $^{\circ}$ C to 60 $^{\circ}$ C (14 $^{\circ}$ F to 140 $^{\circ}$ 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

