Features

- Displays up to 6 particle sizes down to 0.3μm
- Ambient air temperature, humidity, dew point and wet bulb temperature measurement
- 2.8" TFT color LCD display
- Take photos and record video with built-in camera
- Selectable sampling time, count data, and programmable delay
- Export data to PC with included USB cable
- Low battery indicator and auto shut-off
- Includes AC adapter, USB cable, zero count filter, protective cap, 7.4V Lithium-Ion battery, 8GB micro SD memory card, calibration certificate and hard carrying case

Specifications

Particle Counter

Channels:	0.3, 0.5, 1.0, 2.5, 5.0, 10μm
Flow Rate:	0.1ft³ (2.83L/min)
Counting Efficiency:	50% for particles of 0.3μm; 100% for particles > 0.45μm
Coincidence Loss:	5% at 2,000,000 particles per ft³
Data Storage:	5000 sample records (Micro SD card)
Count Modes:	Cumulative, Differential, Concentration

Air Temperature and Relative Humidity

Air Temperature Measuring Range:	32 to 122°F (0 to 50°C)
Accuracy:	50 to 104°F (10 to 40°C): ±0.9°F (0.5°C)
	32 to 50°F (0 to 10°C): ±1.8°F (1.0°C)
Dewpoint Temperature Measuring Range:	32 to 122°F (0 to 50°C)

Continued...

Accuracy:	50 to 104°F (10 to 40°C) :±0.9°F (0.5°C)
	32 to 50°F (0 to 10°C): ±1.8°F (1.0°C)
Relative Humidity Measuring Range:	0 to 100% RH
Accuracy:	40 to 60%: ±3% RH

General Specifications

Display:	2.8" 320 x 240 pixel TFT Color LCD
Real-Time Clock and Date Stamp:	Yes
External Memory:	Yes, expandable up to 8GB with Micro SD Card (optional)
Alarms:	Yes (audible)
Auto Shut-off:	Yes (adjustable)
Tripod Mountable:	Yes
PC Interface:	USB
Power Supply:	Universal AC Adapter/Charger; 7.4V rechargeable battery
Battery Life:	Approx. 4 hours of continuous use
Battery Charge Time:	Approx. 2 hours with AC adapter/charger
Software:	Yes (download from website)
Software OS Compatibility:	Windows 7/8/10/11
Supported Languages:	English, French, Spanish and German
Product Certifications:	CE
Operating Temperature:	32 to 122°F (0 to 50°C)
Storage Temperature:	14 to 140°F (-10 to 60°C)
Operating Humidity Range:	10 to 90% RH non-condensing
Max Operating Altitude:	6561' (2000m)
Dimensions:	9.4 x 3.0 x 2.2" (240 x 75 x 57mm)
Weight:	1.26lbs (570g)

Model	Description
R9930	Air Particle Counter
R9930-ADP	Power Supply, 110V
R9930-7.4V	Replacement Battery
CA-05A	Soft Carrying Case
R8890	Large Hard Carrying Case
R1500	Tripod