EPC600 *Environmental Particle Counter*

Test Equipment Depot
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▶ Visit us at www.TestEquipmentDepot.com

Simultaneously measure and display 6 channels of particle sizes down to 0.3μm

Features:

- Measure Air Temperature, Humidity, Dew Point and Wet Bulb
- Built-in camera (320 x 240) captures images (JPEG) and video (3GP)
- 2.8" Color TFT display
- Store up to 5000 records with date/time, counts, temperature, humidity, sample volume, alarms and location label
- Selectable sample time, count data and programmable delay
- Internal memory plus microSD card slot
  (SD card not included; uses 8GB max)
- 5 languages (English, French, German and Spanish)
- USB interface
- Includes Certificate of Traceability to N.I.S.T., 7.4V Li-ion rechargeable battery, Universal AC adapter, zero filter, tripod and USB cable

Applications:

Handheld particle counters are typically used for IAQ (indoor air quality) testing. Their size and portability makes them easy to transport to different test sites. They work by counting and sizing the number of particles in the air. This can help determine the air quality level in a building or industrial work environment. Industries include semi-conductors, pharmaceuticals, data centers, optics, aerospace, cleanrooms, operating rooms and other sensitive applications.

Specifications

Channels	0.3, 0.5, 1.0, 2.5, 5.0, 10μm
Flow Rate	0.1ft^3 (2.83L/min) internal pump
Count Mode	Cumulative, Differential, Concentration
Coincidence Loss	5%, 2,000,000 particles per ft^3
Air Temperature Range	32 to 122°F (0 to 50°C); ±1°F/0.5°C accuracy
Humidity range	0 to 100%RH
Humidity accuracy	±3%RH at 40% to 60%; ±3.5%RH at 20-40% and 60-80% ±5%RH at 0-20% and 80-100%
Dew Point	22 to 199°F (30 to 100°C)
Wet Bulb	32 to 176°F (0 to 80°C)
Built-in Camera	Record images (JPEG) and Video (3GP)
Memory	74MB internal; microSD card slot 8GB max (card not included)
PC Interface	USB
Power	AC Adapter/Charger; 7.4V rechargeable battery
Dimensions	9.6 x 3 x 2.2" (243 x 74 x 55mm)
Weight	15.2oz (430g)

Ordering Information:

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