



# Handheld Condensation Particle Counter Model 3800 Specifications

<b>Measuring Particle Size</b>		0.015 to 1µm
<b>Concentration Range</b>		0 to 100,000 particles/cm <sup>3</sup>
<b>Counting Efficiency</b>		50nm: 100±20% (15nm: More than 50%)
<b>Zero Count Level</b>		Less than 1 particle/cm <sup>3</sup>
<b>Flow Rate</b>		Aerosol Flow: 100cc/min Total Flow: 700cc/min
<b>Alcohol Supply</b>	<b>Type</b>	100% Reagent Grade Isopropyl Alcohol
	<b>Hours per Fill</b>	5 hours at 23°C
<b>Absolute Pressure Sensor</b>		150 to 1,150 hPa
<b>Mode of Measurements</b>		Repeat / Program / Counter
<b>Display</b>		Built-in LCD
<b>Interface</b>		USB, Printer Output Port
<b>Data Storage</b>		10,000 samples
<b>Power Supply</b>	<b>Type</b>	AA Alkaline or Ni-MH Battery / AC Adapter (AC 100 - 240V)
	<b>Operating Time</b>	5 hours (by Alkaline Battery) / 8 hours (by Ni-MH Battery)
<b>Operating Environment</b>		Ambient Temperature range: 10 to 35°C
<b>Dimensions</b>		W 120 x D 130 x H 280mm
<b>Weight</b>		1.5 kg
<b>Warranty</b>		1 year
<b>Standard Accessories</b>		Operation Manual, Carrying Case, AC Adapter, Zero Filter PC Community Cable, Data processing software, and Calibration certificate
<b>Optional Accessories</b>		Sampling Probe, Thermal Printer, Printer Cable, Sampling Probe

Specifications are subject to change without notice.



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