

Hand-held Condensation Particle Counter Model 3800

New!



***Indoor Air Quality Investigation
Aerosol Research
Filter Tests
Environmental Monitoring for
Electronics
Food Processing
Pharmaceutical
Medical / Hospital etc.***

Features:

- 0.015 μm sensitivity
- Concentration range of 0 to 100,000 particles/cm³
- Programmable data-logging capabilities
- Power Supply can be selected from alkaline/Ni-MH battery or AC adapter
- Simple to download the data to your computer via USB

Specifications (Tentative)

Measuring Particle Size		0.015 to > 1 μ m
Concentration Range		0 to 100,000 particles/cm ³
Counting Efficiency		50nm: 100 \pm 20% (15nm: More than 50%)
Zero Count		Less than 1 particle/ cm ³
Flow Rate		Aerosol Flow: 100cc/min Total Flow: 700cc/min
Alcohol Supply	Type	100% reagent-grade isopropyl alcohol
	Hours per Fill	Approx. 5 hours at 23°C (73° F)
Absolute Pressure Sensor		150 to 1150 hPa
Mode of Measurements		Repeat / Program / Counter
Display		Built-in LCD (128 x 64 dots)
Interface		USB
Buffer Memory		Max. 10,000 data
Power Supply	Type	6 pieces of AA-size Alkaline / Ni-MH battery or AC adapter (Input 100 – 240V)
	Operating hours	Approx. 5 hours (By Alkaline batteries); Approx. 8 hours (By Ni-MH batteries)
Environmental Operation Condition		Ambient temperature range: 10 to 35°C (50 to 95° F)
Dimensions		4.7"(W) x 11"(H) x 5.1"(D) (120 x 280 x 130mm)
Weight		Approx. 3.3lbs (1.5kg) (without batteries)
Standard Accessories		AC adapter, Zero filter , Alkaline battery \times 6, Operation manual, Software(for Windows), PC Communication Cable, Carrying Case
Options		Ni-MH battery(1.2V-2500mA) x 6, Charger x 2, Printer, Printer cable



CAUTION

For safe and trouble-free operations, please read Operation Manual carefully before using the instrument.



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