

Best value handheld particle counter

Model HHPC-2 Handheld Airborne Particle Counter

FEATURES

- Battery or AC operation
- 0.3 micron sensitivity
- Counts 2 sizes simultaneously
- Stores 100 samples
- Internal rechargeable battery
- Lightweight
- Windows compatible download software

APPLICATIONS

- IAQ investigations
- Monitor cleanrooms
- Monitor gowning rooms
- Track down particle contamination sources
- Monitor particle size distributions
- Test filter seals
- Test filter efficiency



The Met One HHPC-2 portable, 2-channel Hand Held Airborne Particle Counter, with download software and personal computer interface, affords the cost-conscious customer with an economical alternative while still getting an accurate and reliable instrument to count particles in air. The palm-size Model HHPC-2 is ideal for monitoring pharmaceutical and electronic manufacturing environments, as well as testing indoor air quality and industrial monitoring.

- Accurate Reliable Traceable Instruments
- Self-contained, ergonomic, easy to operate
- Fast, easy connection to computer or printer
- Set sample times to cubic feet or liters
- Data displayed in totalize or concentration modes
- Eight hours of continuous battery operation
- Built-in filter to protect the cleanroom from pump exhaust
- Meets the most stringent performance standards set by the industry

Model HNPC-2 Handheld Particle Counters

SPECIFICATIONS

2 Size Channels:	Standard: 0.3 and 0.5 μm or 0.5 and 5.0 μm IAQ: 0.3 μm and 1.0 μm Custom: 0.3 to 20 μm available
Flow Rate:	0.1 cfm (2.83 L/min)
Light Source:	Laser diode; index guided (26,000 MTBF at 25°C)
Calibration:	PSL particles in air (NIST)
Counting Efficiency:	50% @ 0.3 μm ; 100% for particles > 0.45 μm (per JIS B9921:1997)
Zero Count:	1 count per 5 minutes (per JIS B9921:1997)
Coincidence Loss:	5% at 2,000,000 particles per ft ³
Measuring Mode:	Concentration: particles/liter; particles/cubic feet
User Interface:	3-button keypad
Data Storage:	100 sample records
Data Recorded:	Counts, calibration error
Display:	LCD, 4 x 16 character display
Alarms:	Low battery, calibration error
Sample Inlet:	Isokinetic probe
Interface:	RS-232 via RJ-45
Vacuum Source:	Internal pump, flow controlled
Housing:	Injection molded plastic
Dimensions:	4.5" w x 8.25" l x 2.25" d (11.43 x 20.96 x 5.72 cm)
Weight:	2.2 pounds (1.0 kg)
Environmental:	Operating: 10°C to 40°C (50°F to 104°F), 20% to 90% relative humidity, non-condensing Storage: -10°C to 50°C (14°F to 122°F), Up to 90% relative humidity, non-condensing
Power:	AC Adapter, 12 VDC at 2.5 A, 90 to 250 VAC, 50 to 60 Hz
Rechargeable Battery:	NiMH, 4.8V at 4.5 Ah
Continuous Operating Time:	8 hours
Recharge Time:	2 hours
Standards:	CE; JIS B9921: 1997
Standard Accessories:	Certificate of Calibration (NIST); Utility Software Pkg. (includes cabling and RJ-45 to DB9 converter); High Purity Tubing; 1/8 in. Hose Barb Adapter; Power Supply, AC/DC 12 VDC; AC Power Cord; Operation Manual

OPTIONAL ACCESSORIES

Zero Count Filter
Extension Cable, RS-232 serial interface
Carrying Case (soft-sided or hard molded plastic)
Portable Serial Printer, w/cable, 2 rolls paper

