

Handheld Laser Particle Counter MODEL 3887

Cleanrooms
IAQ investigations
Food Industry
Filter Testing
Aerospace
Hospital Surgical Rooms
Paint Spray Booths

Features:

- Displays 3 particle sizes simultaneously (0.3, 0.5, 5.0 um) in cf or m3
- Built-in flow sensor (0.1 CFM +/- 10%)
- User can log up to 8,000 measurements with easy transmission to PC or printer
- Fits in your palm

Particle / Dust Monitor



Benefits:

- Batteries can be altered with regular AA alkaline batteries
- Comes with a network capable of up to 8 units using optional windows software as a standard accessory

Measuring Particle Size	0.3, 0.5, 5.0um
Light Source	Laser Diode
Counting Efficiency	50% @ 0.3 um; 100% for particles > 0.45 um (per JIS B9921: 1997)
Zero Count	≤ 1 count / 5 minutes (per JIS B9921: 1997)
Coincidence Loss	< 5% @ 2,000,000 particles/cf
Flow Rate	0.1 cfm (2.83l/min)
Sampling Time	1 sec to 99 minutes 59 sec (1 sec increments)
Sampling Frequency	1 to 99 times or Continuous
CountAlarm	1-70,000,000 counts
Mode of Measurements	Single / Repeat / Continuous / Calculation / Remote / ISO <C4
Display	20 letters, 4 lines
Error	Max. concentration, Laser Power, Flow Rate and Battery
Interface	RS232C or RS485
Baud Rate	9600bps
Buffer Memory	8000 measurements
Power Supply	4 x AA NiMH battery or Alkaline, AC Adapter (100-240V)
Operating Hours	Approximately 3 hours (NiMH)
Dimensions	4.3" x 7.7" x 2.7" (108 x 196 x 68 mm)
Weight	1.5 lbs (680g)
Operating Conditions	50-95F (10 - 35C)
Accessories	AC Adapter, Zero Filter, Software, Communication Cable, 4xAA NiMH, Battery Charger
Options	Printer, Printer Cable, Carrying Case, Tripod