

Handheld Laser Particle Counter Model 3887



Applications

- Monitor and verify Cleanrooms
Pharmaceutical / Semiconductor / Food Industry
- Hospital Surgical Room
- Filter Testing
- IAQ Investigation

Features

- Display 3 particle sizes simultaneously in cf or m³
- 0.3 micron minimum sensitivity
- Built-in Flow Sensor
- Store up to 10,000 measurements

Benefits

- Low Cost, High Performance
- Easy to Use Interface
- Compact and Light Weight



Software

- Kanomax Measuring Software displays and graph the measurement data in real-time while connected to PC.
- Remote controlled by external computer.
- Measurement data can be transfer to Excel file.



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Specifications

Light Source	Laser Diode	
Channel Sizes (μ m)	0.3, 0.5, 5.0	
Flow Rate	2.83 lpm (0.10 cfm)	
Zero Count Level	1 count or less in 5 minutes (meets ISO 21501-4)	
Counting Efficiency	50 \pm 20% (meets ISO 21501-4)	
Coincidence Loss	Less than 5% at 2,000,000 particle/cf	
Sample Time	10 second to 99 min 59 sec	
Sampling Frequency	1 - 99 while in Repeat Mode or Continuous	
Count Alarm	1 - 70,000,000 counts	
Mode of Measurements	Single / Repeat / Continuous / Calculation / Remote ISO Mode (corresponds to ISO 14464)	
Data Storage	10,000 samples	
Display	LCD: 20 letters, 4 lines	
Hardware Interface	RS232C	
Baud Rate	9600 bps	
Power	AC Adapter	AC 100 - 240V, 50 to 60Hz
	Battery	4 x AA Battery
	Operating Time	3 hours continuous operation
Dimensions	W 111 x D 70 x H 197 mm (4.3 x 2.7 x 7.7 inches)	
Weight	680 g (1.5lbs)	
Operating Environment	10 to 35°C (50 to 95°F)	
Warranty	1 year (Instrument) / 2 years (Laser Diode)	
Standard Accessories	Operation Manual, Isokinetic Probe, AC Adapter, Battery & Charger Zero Filter, PC Communication Cable, Data Download Software (Windows)	
Optional Accessories	Carrying Case, Spare Battery, Battery Charge, Printer, Printer Cable, Tripod	

* For safe and trouble free operations, please read Operation Manual carefully before using Kanomax instruments.



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Specifications subject to change without prior notice

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