



**KANOMAX**  
The Ultimate Measurements

# Handheld Particle Counter Model 3887

## 3-channel handheld particle counter

The 3887 handheld particle counter is the perfect economical tool for spot checks in particle sensitive areas. It's pre-programmed with ISO standards to certify cleanroom operations. The instrument can also be used to check the effectiveness of filters (such as HEPA) or as an initial investigation tool for IAQ studies, including mold remediation.

### Applications

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



### Features & Benefits

- Display 3 particle sizes simultaneously in cf or m<sup>3</sup>
- 0.3 micron minimum sensitivity
- Built-in Flow Sensor
- Store up to 10,000 measurements
- Low Cost, High Performance
- Easy to Use Interface
- Compact and Light Weight
- Kanomax Measuring Software displays and graph the measurement data in real-time while connected to PC
- Measurement data can be transfer to Excel file
- Remote controlled by external computer



Windows 7  
Compatible Software



Tripod Mount  
Available

# Handheld Particle Counter Model 3887 Specifications

Light Source	Laser Diode	
Channel Sizes ( $\mu$ 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	
Hardware Interface	RS232C	
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 (1.5 lbs)	
Operating Environment	10 to 35°C (50 to 95°F)	
Warranty	1 year (Instrument) / 2 years (Laser Diode)	
Standard Accessories	Operation Manual, Isokinetic Probe, Zero Filter, AC Adapter, Desktop Stand Rechargeable battery & Charger, PC Communication Cable Data Processing Software, Calibration Certificate	
Optional Accessories	Carrying Case, Spare Battery, Battery Charge, Portable Printer, Printer Cable Serial to USB Converter, Tripod, Plug Adapter Kit	

Specifications are subject to change without notice.



Carrying Case Makes Transportation Easy



Model 3887 with Desktop Stand



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