



# 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 $^{\circ}$ C (50 to 95 $^{\circ}$ 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 Battey, 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



**Kanomax USA, Inc.**

P.O. Box 372  
 219 US Hwy 206, Andover, NJ 07821 U.S.A.  
 TEL: 1-800-247-8887 (USA) / 1-973-786-6386  
 FAX: 1-973-786-7586  
 E-mail: info@kanomax-usa.com  
 URL: www.kanomax-usa.com

Distributed by:

