KANOMAX
The Ultimate Measurements

Handheld Particle Counter

Model 3888 & 3889

The Model 3888 (3-channel) and 3889 (6-channel) Handheld Particle Counters utilize the same, proven parts that made the original Handheld Particle Counters so reliable. The instruments meet/exceed new ISO 21501-4 Standards and are fully RoHS compliant. The instruments now have a base/stand for advanced communication capabilities (Wi-Fi, Ethernet, RS485), a larger, full color touchscreen display, and enables real time monitoring while connected to a PC.

Applications:

- Monitor and Verify Cleanrooms (Pharmaceutical, Semi Conductor, Food Industry)
- Monitor Surgical Rooms
- Filter Testing
- IAQ Investigation
- Data Center Cleaning

Features & Benefits

- 3888 measures particle sizes: 0.3µm, 0.5µm & 5.0µm
- 3889 measures particle sizes 0.3µm, 0.5µm, 1.0µm, 3.0µm, 5.0µm, 10.0µm
- Easy-to-use interface is displayed on a 4.3 in. color LCD, resistive touch panel screen
- On-board data storage up to 10,000 measurements
- Creates Microsoft Excel compatible .CSV file without the need for additional software and user can download it via USB memory
- Kanomax Measuring Software displays and graphs the measurement data in real-time while connected to PC
- Language options include English, Spanish, Japanese, and Chinese

Sleek/Modern Instrument Design

Windows 10 Compatible Software

Handheld Particle Counter Models 3888/3889 Specifications

Product		Handheld Particle Counter
Model		3888 (3-channel model) 3889 (6-channel model)
Particle Measurement	Sizes	3 channels (0.3, 0.5, 5.0μm) 6 channels (0.3, 0.5, 1.0, 3.0, 5.0, 10.0μm)
	Flow rate	0.1CFM (2.83L/min) Accuracy: ±5% (Compliant with JIS B9921 and ISO21501-4)
	Maximum measurable Concentration	10% for 2,000,000 particles/CF (compliant with JIS B9921 and ISO21501-4)
	Counting efficiency	50±20% (for PSL particles near the minimum measurable size) 100±10% (for PSL particles of 1.5 to 2 times as large as the minimum measurable size) (Compliant with JIS B9921 and ISO21501-4)
	False count	≦1 particle/5 minutes (Compliant with JIS B9921 and ISO21501-4)
	Size resolution	≦15% (for PSL particles near 0.3μm) (Compliant with JIS B9921 and ISO21501-4)
Display		4.3 inch color LCD, Resistive touch panel
Communication	Standard	USB (Host: for printer and USB flash memory, Device: for PC)
	Stand (option)	RS485, Ethernet, and WiFi connection points in the base/stand
Recording media	Media	Internal memory
	Number and format	Up to 10,000 records in CSV format
Language		English, Japanese, Chinese, and Spanish
Power	Internal supply	Li-ion rechargeable battery (Replaceable)
	External supply	AC adaptor Input 100 to 240 V
	Continuous operation time	5 hours (Single measurement)
Operating environment	Main body	From 10 to 40 °C, from 0 to 85%RH (With no condensation)
	Probe	From 0 to 50 °C, from 2 to 98%RH (With no condensation)
Dimension		W213 X H100 X D55 mm
Weight		650g
Hydrothermal Measurement (Available as an option for the 6-channel *portable* particle counter)	Measurement range	(Temperature) From 0 to 50°C (Humidity) From 2.0 to 98.0%RH
	Display resolution	(Temperature) 0.1°C (Humidity) 0.1%
	Humidity accuracy	±3.0% (30 to 85%RH), ±5% (other range of humidity)
	Temperature accuracy	±0.5°C
	Response time	Approximately 60 seconds or less (90% response)

Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery
Hydraulics & Vacuum Industry | Green House | Server Room | Confined Space | Cold Storage

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