



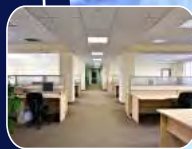
# Handheld Particle Counter

## 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)<br>3889 (6-channel model)  |
| Particle Measurement  | Sizes                            | 3 channels (0.3, 0.5, 5.0 $\mu$ m)<br>6 channels (0.3, 0.5, 1.0, 3.0, 5.0, 10.0 $\mu$ m)  |
|   | Flow rate                        | 0.1CFM (2.83L/min)<br>Accuracy: $\pm$ 5% (Compliant with JIS B9921 and ISO21501-4)  |
|   | Maximum measurable Concentration | 10% for 2,000,000 particles/CF<br>(compliant with JIS B9921 and ISO21501-4)   |
|   | Counting efficiency              | 50 $\pm$ 20% (for PSL particles near the minimum measurable size)<br>100 $\pm$ 10% (for PSL particles of 1.5 to 2 times as large as the minimum measurable size)<br>(Compliant with JIS B9921 and ISO21501-4) |
|   | False count                      | $\leq$ 1 particle/5 minutes<br>(Compliant with JIS B9921 and ISO21501-4)  |
|   | Size resolution                  | $\leq$ 15% (for PSL particles near 0.3 $\mu$ m)<br>(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<br>(Available as an option for the 6-channel <i>portable</i> particle counter) | Measurement range                | (Temperature) From 0 to 50°C<br>(Humidity) From 2.0 to 98.0%RH  |
|   | Display resolution               | (Temperature) 0.1°C<br>(Humidity) 0.1%  |
|   | Humidity accuracy                | $\pm$ 3.0% (30 to 85%RH), $\pm$ 5% (other range of humidity)  |
|   | Temperature accuracy             | $\pm$ 0.5°C   |
|   | Response time                    | Approximately 60 seconds or less (90% response)   |

Specifications are subject to change without notice.



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