

Quick Start Guide Handheld Particle Counter Model 3888 and 3889

For detail description, please refer to the user manual

Include

- Main unit
- Li-ion battery x 2 (installed in the unit)
- Inlet protective cap
- USB cable
- Zero filter with tubing
- AC adapter
- CD-ROM: USB driver, Remote software, User manual

Functions

DC jack
Supplies power with the provided AC adaptor

Starts a measurement
Start

Stops a measurement
Stop

Power/Home button
Turns the power ON/OFF
To return to the Main screen in operation

Inlet protective cap
Remove cap while the unit is operating

Inlet
2.83L/min suction volume
Outer diameter 6.4mm

USB port (for PC)
Connects with your PC by using the USB cable

USB port (for Printer & USB memory)
Connects with the printer by using the USB cable
Allows you to copy the measurement results to the USB memory

Change chart types
Switches the chart types:
Bar → Circle → Table Σ

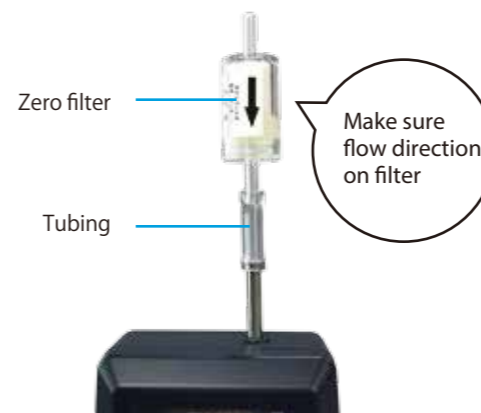
Threaded tripod mount
Attaches instrument to the tripod

Note: Please do not cover or insert anything into the threaded exhaust port on back of the instrument

<p>General setting Opens the menus to set the unit, calendar, data, sound, language and to display instrument information</p>	<p>History Views the historical data or measurements</p>
<p>Measurement setting Opens the menu to set the mode, alarm, save, remote and temperature/humidity</p>	<p>Error Tap the Error key to display an error description</p>
<p>Preset Opens the menu to set or select up to 18 Presets</p>	<p>Differential Δ Opens the Differential Δ display on the Main screen</p> <p>Cumulative Σ Opens the Cumulative Σ display on the Main screen</p>

Purging

Prior to using the instrument in a clean environment such as cleanrooms, it is recommended to purge the instrument with the provided zero count filter.



- 1 Attach the provided zero count filter to the inlet
- 2 Turn the power on and press the Start button. Perform a continuous measurement for approximately 15 minutes until the measuring count value is suitable for 10 seconds or more.
- 3 After measurement, remove the zero count filter from the inlet

Measurement

- 1 Select measurement mode
- 2 Set up location and sampling time
- 3 Start measurement

Measurement modes

- Repeat** Repeats the measurement of configured sampling time and cycle
- Single** Performs a measurement of set sampling time only once
- Continuous** Continues a measurement until pressing the Stop button
- Calculation** Calculates the average, standard deviation, maximum, and minimum after measurements
- ISO** Performs measurements in accordance with ISO 14644
- GB** Performs measurements in accordance with Chinese National Standard

Location

Sets measurement locations by number
Ranges: from 1 to 99

Sampling time

Sets the sampling time of 1 cycle
Ranges: from 6 sec to 99 min 59 sec

- 1 Go to main screen by pressing Home button
- 2 Press start button to start measurement

* Measurement starts after 10 seconds warm up time

General Setting

Select on the Main screen to set the unit, calendar, data, language, and sound

<p>Unit Select one of the following 3 options of units to reflect to the readings displayed on the Main screen and Measurement results.</p>	<p>Language Selects a language from English, Japanese, Chinese, Spanish</p>
<p>Calendar Set the date and time</p>	<p>Sound Sets the operation sound ON/OFF</p>
<p>Data Confirms the information and perform operation on the entire measured data</p>	<p>Information Displays the instrument information Latest calibration date and firmware version</p>