

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

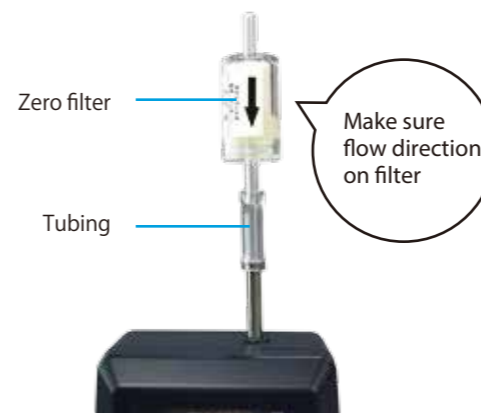
Threaded tripod mount
Attaches instrument to the tripod

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>