

# 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  $\Sigma$

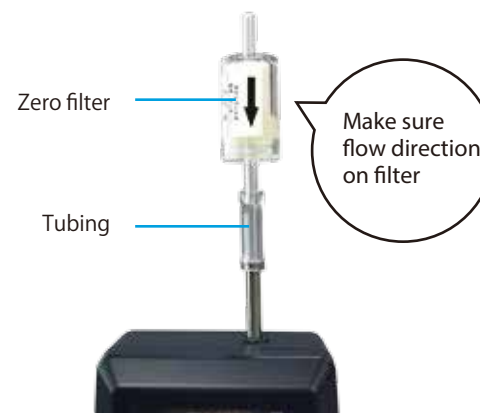
**Threaded tripod mount**  
Attaches instrument to the tripod

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

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

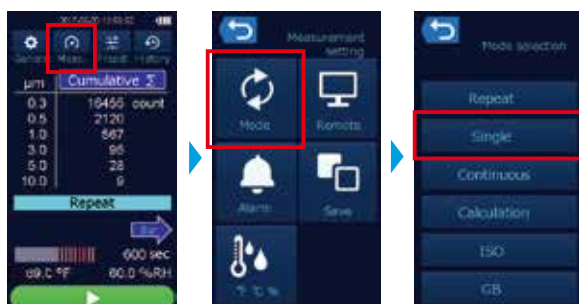
## Purging


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**  


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


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
- 3 **Start measurement**  

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