

## Handheld Particle Counter CTZ-PC-H630



The Handheld Particle Counter **CTZ-PC-H630** is reliable and easy to use. It is handheld, ergonomically designed, and light. **CTZ-PC-H630** simultaneously counts airborne particles in six different size ranges. It has a 480×320 high-resolution colorful LCD screen. The count data is displayed on the screen as the total number of particles (cumulative count). Data can be easily downloaded to a computer or printed with an optional printer.

You can move the particle counter to a point you want. With this device, it is very easy to measure at any point you want and to obtain accurate results. You can instantly print the results or save them to a computer. The large colorful LCD screen allows you to view the data easily and without errors.

### Features

- ◆ 0.1 CFM (2.83 L/min) flow rate
- ◆ Six particle-size channels (0.3/0.5/1.0/2.0/3.0/5.0  $\mu\text{m}$ )
- ◆ 480×320 High-resolution colorful LCD display.
- ◆ The LCD display shows battery capacity.
- ◆ High capacity USB rechargeable Li-ion battery
- ◆ Internal audible alarm (the alarm channel can be chosen arbitrarily)
- ◆ 95% UCL Calculation.
- ◆ Large memory for storing data, Up to 260,000 records.
- ◆ The data easily downloaded to a computer by free software. Able to export the file of each report to office excel.
- ◆ Lightweight (0.9 kg)
- ◆ External function module: temperature and humidity, differential pressure, Air velocity(Optional).
- ◆ Supplied with free Carrying Case.

## Handheld Particle Counter CTZ-PC-H630

### Specification

<b>Part Number</b>	CTZ-PC-H630
<b>Product Name</b>	Handheld Particle Counter
<b>Flow rate</b>	0.1 CFM (2.83 L/min)
<b>Channels</b>	6 Channels (0.3/0.5/1.0/2.0/3.0/5.0 $\mu$ m)
<b>Light source</b>	Laser diode
<b>Calibration particles</b>	SIMT certification
<b>Max. concentration</b>	2,000,000/ft <sup>3</sup>
<b>Zero count</b>	<1 per 5 min.
<b>Counting efficiency</b>	50% @ 0.3 $\mu$ m, 100% @ 0.5 $\mu$ m
<b>Communication modes</b>	USB
<b>User interface &amp; display</b>	480x320 High-resolution colorful LCD display
<b>Data display modes</b>	Counts, Counts/m <sup>3</sup> , Counts/ft <sup>3</sup>
<b>Sampling modes</b>	Manual repeated, Auto for UCL calculation (calculation for all 6 channels)
<b>Error messages (real-time)</b>	Exceeds alarm limits ,battery status indication
<b>External software</b>	Easy upload to PC
<b>Data storage</b>	Up to 260,000 records
<b>External surface</b>	ABS (plastic resin)
<b>Dimensions (WxHxD)</b>	23x13x4.5(cm)
<b>Weight</b>	0.9kg
<b>Power</b>	AC adapter:100-240 VAC, 50/60 Hz
<b>Batteries</b>	3.7V Li-on rechargeable battery 10000mAH
<b>Operating time on battery</b>	More than 8hr for sampling
<b>Battery recharging</b>	USB
<b>Operating temperature</b>	0 - 35°C
<b>Operating humidity</b>	0 - 85%
<b>Accessory supplied Free</b>	Case, Operation manual, Factory Calibration certificate, Filter, min USB cable, Charger, Isokinetic Probe, Fuse.



### Ordering Information

Part Number	Description
CTZ-PC-H630	Handheld Particle Counter Content; Case, Operation manual, Factory Calibration certificate, Filter, min USB cable, Charger, Isokinetic Probe, Fuse.