

## Benchtop Particle Counter CTZ-PC-B1030



The Benchtop Particle Counter **CTZ-PC-B1030** is a new style particle counter. The flow rate is 100 L/min (3.53 CFM). It has a friendly interface and a high-resolution color touch screen. It's easy to use.

The model **CTZ-PC-B1030** can confirm the class of the cleanroom and print out the test results quickly and meets ISO 14644 requirements. The instrument measures the number of particles in 8 particle size channels simultaneously, with 5000 samples record storage. It is widely used in measuring particles in cleanrooms and in evaluating the quality of indoor air. It also used for testing the performance of HEPA filters.

### Features

- ◆ 3.53 CFM (100 L/min) flow rate
- ◆ Eight particle-size channels (0.3/0.5/0.7/1.0/2.0/3.0/5.0/10.0  $\mu\text{m}$ )
- ◆ Measures up to 8 channels of simultaneous data.
- ◆ 3 level password protection function.
- ◆ Long-life laser diode technology.
- ◆ Internal memory.
- ◆ Large easy-to-use icon-driven color touch screen display.
- ◆ Internal Audible alarm.
- ◆ Count modes; Automatic, manual, cumulative/differential
- ◆ Built-in printer.
- ◆ Built-in Li-ion battery operated.
- ◆ Data exporting: USB and WiFi(optional) data interfaces.
- ◆ Stainless Steel construction.

## Benchtop Particle Counter CTZ-PC-B1030

### Specification

<b>Part Number</b>	CTZ-PC-B1030
<b>Product Name</b>	Benchtop Particle Counter
<b>Flow rate</b>	3.53 CFM (100 L/min)
<b>Channels</b>	8 Channels (0.3/0.5/0.7/1.0/2.0/3.0/5.0/10.0 $\mu$ m)
<b>Light source</b>	Long life laser diode (30,000 hours mean time between failure)
<b>Sample Period</b>	1 Sec~3599 Sec(5L-3000L)
<b>Max. concentration</b>	35,300 pcs/L
<b>Zero count</b>	$\leq$ 10 min.
<b>Counting efficiency</b>	50% @ 0.3 $\mu$ m, 100% @ 0.5 $\mu$ m
<b>Communication modes</b>	USB and WiFi
<b>User interface &amp; display</b>	Colorful touch screen display
<b>Data conversion</b>	m <sup>3</sup> and ft <sup>3</sup>
<b>Printer</b>	Built-in printer
<b>Alarm</b>	Internal Audible Alarm
<b>Data storage</b>	Up to 5,000 records
<b>Construction</b>	Stainless Steel
<b>Dimensions (WxHxD)</b>	22.3x34.8x25(cm)
<b>Weight</b>	7.1kg
<b>Power</b>	Built-in Li-ion battery operated for continuous working 5 hours. / 145W
<b>Operating temperature</b>	10 - 35°C
<b>Operating humidity</b>	$\leq$ 75%
<b>Accessory supplied Free</b>	Case, Operation manual, Factory Calibration Certificate, Filter, min USB Cable, Power Cord, Isokinetic Probe, Tripot, Printer Paper, Fuse.



### Ordering Information

Part Number	Description
CTZ-PC-B1030	Benchtop Particle Counter Content; Case, Operation manual, Factory Calibration Certificate, Filter, min USB Cable, Power Cord, Isokinetic Probe, Tripot, Printer Paper, Fuse.