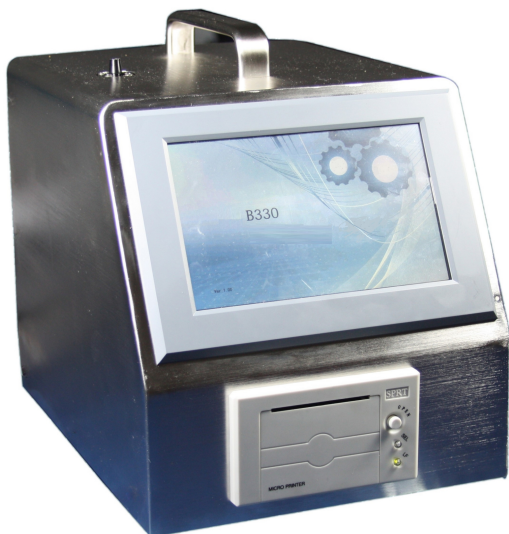


Benchtop Particle Counter CTZ-PC-B530



The Benchtop Particle Counter **CTZ-PC-B530** is a new style particle counter. The flow rate is 50 L/min (1.77 CFM). It has a friendly interface and a high-resolution color touch screen. It's easy to use.

The model **CTZ-PC-B530** 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.

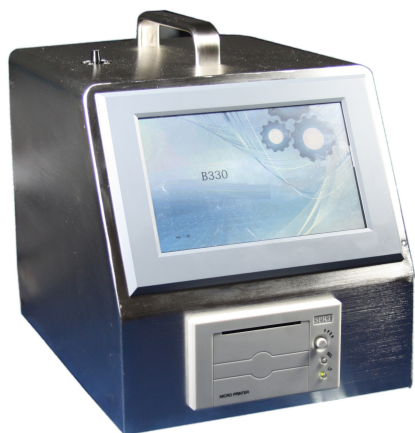
Features

- ◆ 1.77 CFM (50 L/min) flow rate
- ◆ Eight particle-size channels (0.3/0.5/0.7/1.0/2.0/3.0/5.0/10.0 μm)
- ◆ 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-B530

Specification

Part Number	CTZ-PC-B530
Product Name	Benchtop Particle Counter
Flow rate	1.77 CFM (50 L/min)
Channels	8 Channels (0.3/0.5/0.7/1.0/2.0/3.0/5.0/10.0 μ m)
Light source	Long life laser diode (30,000 hours mean time between failure)
Sample Period	1 Sec~3599 Sec(5L-3000L)
Max. concentration	35,300 pcs/L
Zero count	≤ 10 min.
Counting efficiency	50% @ 0.3 μ m, 100% @ 0.5 μ m
Communication modes	USB and WiFi(optional)
User interface & display	Colorful touch screen display
Data conversion	m ³ and ft ³
Printer	Built-in printer
Alarm	Internal Audible Alarm
Data storage	Up to 5,000 records
Construction	Stainless Steel
Dimensions (WxHxD)	22x28.5x22.5(cm)
Weight	10kg
Power	DC/AC 220V \pm 10%, 50Hz \pm 2 HZ / 250W
Operating temperature	10 - 35 $^{\circ}$ C
Operating humidity	$\leq 75\%$
Accessory supplied Free	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-B530	Benchtop Particle Counter Content; Case, Operation manual, Factory Calibration Certificate, Filter, min USB Cable, Power Cord, Isokinetic Probe, Tripot, Printer Paper, Fuse.