

# PC501 HANDHELD LASER PARTICLE COUNTER

Simple. Fast. Reliable.

## APPLICATIONS:

Cleanrooms  
Patient Isolation  
Construction Isolation Areas  
Airborne Contamination Testing  
Hospital Surgical Rooms

## FEATURES:

On screen data review or download to USB port  
Fast sampling results  
Up to 3 channels of simultaneous data  
Measure particles down to 0.3 microns  
ISO 21501-4 Compliant



## SPECIFICATIONS:

Measuring Principle:	Particle counter
Light Source:	Long life laser diode
Measurement Ranges:	0.3, 0.5, 1.0, 2.0, 5.0 micron ranges
Counting Efficiency:	50% at 0.3µm; 100% for particles > 0.45 µm (per JIS)
Concentration Limits:	2,000,000 particles/ft <sup>3</sup> at 5% coincidence loss
Sampling Time:	1 second to 99 minutes 59 seconds
Flow Rate:	0.1 cfm (2.83 L/min)
Zero Count Level:	<1 count/5 minutes (per ISO 21501-4 and JIS B9921)
Display	3.2 inch 160 x 160 monochrome LCD
Power:	110 to 240 VAC 50-60 Hz Universal in-line power supply
Battery:	Removable/rechargeable Li-Ion with up to 4.5 hours of continuous use
Size (L x W x H):	9.1" x 6.3" x 2.4" (23 x 11 x 6.2 cm) without isokinetic inlet
Weight:	1.3 lb
Supplied Accessories:	AC power adapter, Isokinetic inlet, battery pack, USB cable, HEPA zero filter, TRAKPRO™ Lite data download utility CD (includes manual), Calibration certificate, Quick Start Guide.