

# Handheld Airborne Particle Counter

## FEATURES:

1. 0.1 CFM (2.83 LPM) flow rate
2. Six particle-size channels (0.3, 0.5, 1.0, 2.0, 3.0, 5.0µm)
3. 480X320 High-resolution colour LCD display
4. High capacity USB rechargeable Li-ion battery
5. Internal audible alarm, and the alarm channel can be chosen arbitrarily.
6. 95% UCL Calculation
7. Large memory, Up to 260,000 records
8. Free software, Data easily downloaded to computer, Export each report to office excel.
9. Lightweight (0.9kg)
10. Battery capacity display
11. External function module: temperature and humidity, differential pressure, Air velocity (Selectable)
12. Supplied with FREE Carrying Case.



The CLJ-H630 model is reliable and easy-to-use machine; it's handheld, ergonomically designed and lightweight.

The Model CLJ-H630 counts airborne particles in six different size ranges simultaneously. Count data is displayed on screen (480X320 High-resolution colour LCD display) as total number of particles (cumulative count). Data can be easily downloaded to computer, or print out by an optional printer.

Now it is easy to carry a particle counter right to the point of interest and obtain accurate results—results you can immediately print or store to computer. The large colour LCD display lets you see the data easily and err-free.



Model	CLJ-H630
Channel thresholds:	6 channels:0.3,0.5,1.0,2.0,3.0,5.0µm
Flow rate:	0.1 ft <sup>3</sup> /min. (2.83 L/min.)
Light source:	Laser diode
Calibration particles:	SIMT certification
Max. concentration:	2,000,000/ft <sup>3</sup>
Zero count:	<1 per 5 min.
Counting efficiency:	50% @ 0.3µm, 100% @ 0.5µm
Communication modes:	USB
User interface & display:	480X320 High-resolution colour LCD display
Data display modes:	Counts, Counts/m <sup>3</sup> , Counts/ft <sup>3</sup>
Sampling modes:	Manual repeated, Auto for UCL calculation (calculation for all 6 channels)
ISO Certification:	ISO 5-8 @ 0.5 and 5.0µm
Error messages (real-time):	Exceeds alarm limits ,battery status indication
External software:	Easy upload to PC
Data storage:	Up to 260,000 records
External surface:	ABS (plastic resin)
Dimensions (w, h, d):	23×13×4.5(cm)
Weight:	0.9kg
Power:	AC adapter:100-240 VAC, 50/60 Hz
Batteries:	3.7V Li-on rechargeable battery 10000mAH
Operating time on battery:	More than 8hr for sampling
Battery recharging:	USB
Operating temperature:	0 - 35°C
Operating humidity:	0-85%
Accessory supplied Free	Case, Operation manual, Factory Calibration certificate, Filter, min USB cable, Charger, Isokinetic Probe, Fuse.