

LPC-301 Handheld Laser Particle Counter

LPC-301 Handheld laser particle counter is used to measure the size and quantity of particles within air of unit volume in clean environment; it can directly measure clean environments from clean class 10 to 300,000. This counter has used semiconductor laser power and big liquid crystal screen, so it is small, light, highly accurate, easing-operating and microprocessor-controlled. It may store and print the measure results, the printed result will show the clean class of that point and the measure of the clean environment is convenient.

The product is widely used in electronics, optics, chemistry, food, cosmetic, medical science, biological products, aviation, and so on.

Characteristics:

High Performance Batteries Inside
Printer Inside
Small, Light, Easy-Operating, Convenient
Short Self-Purifying Time



Main Technical Parameter:

Dimensions	113×62×212mm3 (Width × Depth ×Height)
Weight	0.9kg
Maximum Power Dissipation	5W
Power supply	Alternating and direct current power supply
Particle Size Passage	0.3、0.5、5.0 (μm) , show 3 bunches of particles at the same time and directly show particle concentration (unit : grain/m3)
Sampling Flow Rate	0.1cfm(2.83L/min)
Measure Period	1-99s
Self-Purifying Time	≤10min
Print	Thermal printer inside, can be printed into grain/m3
Usable Environmental Condition	Temperature : 10℃~30℃
	Humidity 20%~75%
	Atmospheric pressure : 86Pa-106kPa
Maximum Sampling Concentration Permitted	35000 grain/L (the particle size of a particle shall not be over 0.5um) acid ,alkali and such corrosive gas are not permitted in the sampling air.
Continuous Work Time	≤8 hours
Light Source and Life	Semiconductor laser, life is over 30,000 hours
Packing of Data	255 groups