

PARTICLE COUNTER

Y09-310LCD Y09-310AC/DC LASER PARTICLE COUNTER



is used to detect the particles in the cleanroom. It can measure the class 100 to 300 k environment. The instrument uses the laser diode as the light source, LCD-panel displays, six different size ranges simul taneously. The built-in printer can print count results. The counter can store 1000 samples data. Software creates data files for viewing or export to EXCEL sheet to computer. The instrument is widely used in the fields of micro-electronics, precision machinery, optics, pharmacy and sanitation, biology, food and beverage, aerospace and so on.

Technical Parameters

Display	LCD
Weight	7.5Kg
Max. Consumption	48W
Power Source	DC 16.8V (Lithium Ion Battery)
Size Channels	0.3, 0.5, 1, 3, 5, 10 μ m
Calculation	95%UCL calculation, Display Particle Concentration
Flow Rate	28.3L/min (Imported Pump)
Sample Time	1—10min (Selectable)
Zero Count	10min
Location Labels	0-999
Printer	Built-in Thermal Printer
Alarm	10,100, 1000, 10000, 100000,300000Class /ISO
Data Storage	1000 Samples (With PC Software)
Light Source	Laser Diode (30,000 hours Mean Time Between Failures)
Maximum Rated Particle Concentration	35000 particles/L
Operating Time	3 hours
Environmental Temperature	10degrees celsius-35degrees celsius
Humidity	20%-75%RH
Atmosphere Pressure	86Kpa-106Kpa