

PARTICLE COUNTER

Y09-550/5100 PARTICLE COUNTER

Y09-550 Particle Counter is used to measure the volume of air inside the clean environment of dust particles in size and number, can be directly detected cleanliness class A area, B-class area clean environment. Y09-550 laser particle counter use a semiconductor laser light source, a large touch-screen display, small size, light weight, high precision, features simple operation, microprocessor control, storage, printing the measurement results, the test environment is very clean convenient. In addition, special software can be downloaded via computer to store data. Our products are widely used in medicine, optical, chemical, food, cosmetics, e-health, biological products, aerospace and other sectors.

Y09-5100 largeflow rate (100L/min) particle counter is used to measure the volume of air inside the clean environment of dust particles in size and number, can be directly detected cleanliness class A area, B-class area clean environment. Y09-5100 laser particle counter using a semiconductor laser light source, a large touch-screen display, small size, light weight, high detection precision, functionality simple operation, microprocessor control, storage, printing the measurement results, the test environment is very clean convenient. In addition, special software can be downloaded via computer to store data. Our products are widely used in medicine, optical, chemical, food, cosmetics, e-health, biological products, aerospace and other sectors



Technical Parameters

Model	Y09-550	Y09-5100
Display	LCD display	
Weight	7.5 Kg	
Max. Consumption	80W	
Power Source	DC16.8V(Built-in Lithium Battery)	
Size Channels	0.5, 1, 3, 5, 10, 25µm	
Calculation	95% UCL calculation of particle concentration can be displayed directly (particles / cubic meter, grain / cubic feet)	
Flow Rate	50L/min import sampling pump	100L/min (Imported Pump)
Sample Time	6 ~ 999999s optional (Selectable)	0~999999s(Selectable)
Zero Count	≤10min	
Location Labels	0-9999	
Printer	Built-in thermal printer	
Alarm	Class	ISO / own (Class)
Date Storage	20000 Group / Section 300 UCL (with a PC dedicated communication software)	
Output	USB	
Light Source	Laser Diode (30000 hours mean time between failures)	
Maximum Rated Particle Concentration	35000 particles / L	
Operating Time	5 hours	3 hours
Environmental	Temperature:10~35degrees celsius Humidity:20~75percent RH Atmosphere Pressure:86~106Kpa	