



Dual Flow Particle Counter

LDPC - A10



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Dual flow particle counter LDPC-A10 is a six channel microcomputer controlled unit. It employs dual flow rate and a built-in air pump. It features a provision of simultaneous counting of six different size ranges with real time monitoring. The particle count data can be conveniently viewed, downloaded or printed directly using the in-built printer.

Features

- ✓ Data conversion : ft^3 and m^3
- ✓ Data display modes : Counts, Counts/m^3 , $\text{Counts}/\text{ft}^3$
- ✓ Built-in air pump
- ✓ UCL calculation
- ✓ Built-in printer with multiple print-mode
- ✓ Large data storage capacity
- ✓ Date and time display
- ✓ Rechargeable battery

Features

Used in clean room monitoring, indoor air quality testing, HEPA filter performance testing, tracking particle sources, detects environmental purification levels; monitoring of biosafety cabinets, clean benches, computer rooms, HVAC system performance, food and beverage packing, hospitals: pharmacy and surgery, medical device assembly, aerospace assembly, paint spray booths, etc.

Specifications

MODEL	LDPC-A10
Particle size channels	0.3 μm , 0.5 μm , 1.0 μm , 3.0 μm , 5.0 μm , 10.0 μm 0.3 μm , 0.5 μm , 1.0 μm , 2.0 μm , 3.0 μm , 5.0 μm
Flow rates	2.83 L/min 50 mL/min
Sensitivity	0.3 μm
Test class	Class 100 ~ Class 300,000
Test period	1 min ~ 10 min (10 levels)
Life of light source	> 30,000 hours
Self-clean time	$\leq$ 10 min
Operating temperature range	10 $^{\circ}\text{C}$ to 35 $^{\circ}\text{C}$
Operational humidity	$\leq$ 75 % RH
Power	220 V $\pm$ 10 %, 50 Hz $\pm$ 2 Hz
Power dissipation	10 W
Dimensions	275 x 330 x 115 mm
Weight	3.8 Kgs