



# Dual Flow Particle Counter

LDPC - A10



## 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

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

### Features

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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 $\mu\text{m}$ , 0.5 $\mu\text{m}$ , 1.0 $\mu\text{m}$ , 3.0 $\mu\text{m}$ , 5.0 $\mu\text{m}$ , 10.0 $\mu\text{m}$ 0.3 $\mu\text{m}$ , 0.5 $\mu\text{m}$ , 1.0 $\mu\text{m}$ , 2.0 $\mu\text{m}$ , 3.0 $\mu\text{m}$ , 5.0 $\mu\text{m}$
Flow rates	2.83 L/min 50 mL/min
Sensitivity	0.3 $\mu\text{m}$
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