



Dual Flow Particle Counter LD-LDPC-A10

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Overview

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 : ft³ and m³
- Data display modes : Counts, Counts/m³, Counts/ft³
- Built-in air pump
- UCL calculation
- Built-in printer with multiple print-mode
- Large data storage capacity
- Date and time display
- Rechargeable battery

Applications:

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:

Power	220 V $\pm$ 10 %, 50 Hz $\pm$ 2 Hz
Weight	2.6 kgs
Dimensions	215 x 255 x 110 mm
Test class	Class 100 ? Class 300,000
Sensitivity	0.3 μ m
Test period	1 min ? 10 min (10 levels)
Self-clean time	? 10 min
Power dissipation	15 W
Life of light source	? 30,000 hours
Operational humidity	? 75 % RH
Operating temperature range	10 °C to 35 °C