



## **Dual Flow Particle Counter LD-LDPC-A10**

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# Dual Flow Particle Counter LD-LDPC-A10

## 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 : ft<sup>3</sup> and m<sup>3</sup>
- Data display modes : Counts, Counts/m<sup>3</sup>, Counts/ft<sup>3</sup>
- 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:

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