



## **Digital Differential Pressure Meter LD-LDPM-A20**

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# Digital Differential Pressure Meter LD-LDPM-A20

## Overview

Digital differential pressure meter LDPM-A20 is an advanced microprocessor based handheld unit. It is developed for the determination of pressure difference and can measure positive as well as negative pressures. Fabricated using new semiconductor based nm process, it provides stable and precise readings for different levels in and out of clean rooms.

## Features:

- Ultra-low power 32-bit microprocessor
- 2.6 inch IPS colour screen for differential pressure display
- Multiple options of measurement units: Pa, mbar, etc.
- Data storage function ( 16000 samples )
- On site calibration through quick zero reset
- Over-voltage and over-charge protection
- Resistance to static and electromagnetic interference
- Adjustable backlight display with automatic idle shutdown
- Data export and easy data download to PC via USB line
- Built-in battery

## Applications:

Used in differential pressure measurement of clean rooms, air conditioning ducts, pneumatic, compressor and pump installations, valves, tanks and heating, ventilation and air conditioning (HVAC) systems, departments such as electronics, pharmaceuticals and biotechnology; monitoring of filters, etc.

## Specifications:

|                                    |                    |
|------------------------------------|--------------------|
| <b>Dimensions</b>                  | 55 x 180 x 85 mm   |
| <b>Resolution</b>                  | 0.1 Pa             |
| <b>Power supply</b>                | 2400 mA Li-battery |
| <b>Repeatability</b>               | ± 0.2 % FS         |
| <b>Sampling rate</b>               | 0.5 s              |
| <b>Measuring range</b>             | ± 500 Pa           |
| <b>Display resolution</b>          | 320 x 240          |
| <b>Operational humidity</b>        | ? 85 RH            |
| <b>Operating temperature range</b> | 0 °C ? 50 °C       |