



Microplate Reader LD-LMPR-A12

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Overview

Microplate reader LD-LMPR-A12 is easy to use, equipped with advanced optical system which ensures accurate results. Long halogen lamp for light source, requires only 5 seconds to read 96 well plate. LCD display for observing the status of operation. Bichromatic and Monochromatic modes available with photometric range of 0.000-4.000 Abs.

Features:

- 8 channel optical fiber system for reading 96 well plate
- Advance optical system results in accurate measurement of the samples
- Requires only 5 seconds for reading 96 well plate
- Comes with plate shaking feature
- Multi-calculation method including ABS, Cut-off, Linearity Log and Bichromatic measurements can be conducted
- 405nm, 450nm, 492nm and 630nm filters with 4 extra filters positions
- PC control and Analysis software
- Can perform Multi-calculations including: Parabola regression, Polynomial regression, 4PL Regression, Linearity and Log X, log Y, log XY
- Data management system for microplate, reagent, patient, laboratory and results

Applications:

A microplate reader is used for the quantification of several biological and chemical assays. industrial environments, plate readers are also used in drug discovery, environmental research, and in the food or cosmetics industry.

Specifications:

Output	External printer (optional)
Display	240 x 128 LCD
Filters	405nm, 450nm, 492nm, 630nm, 4 open positions
Interface	RS232, parallel interface for external printer
Net weight	7 kgs
Light source	Halogen lamp 8V/50W
Measure Mode	Monochromatic, Bichromatic
Power supply	AC220V/110V±10%, 50/60Hz
Reading Speed	5 seconds for 96 well plate
Calculation Mode	ABS; Cut-off; Linearity; Log X; Log Y

Wavelength Range	340~750nm
Photometric Range	0.000-4.000 Abs
Applicable programs	28 except of PC
Photometric Accuracy	±1% (0.000-2.000Abs)
Dimension (L x W x H)	440 x 305 x 154 mm