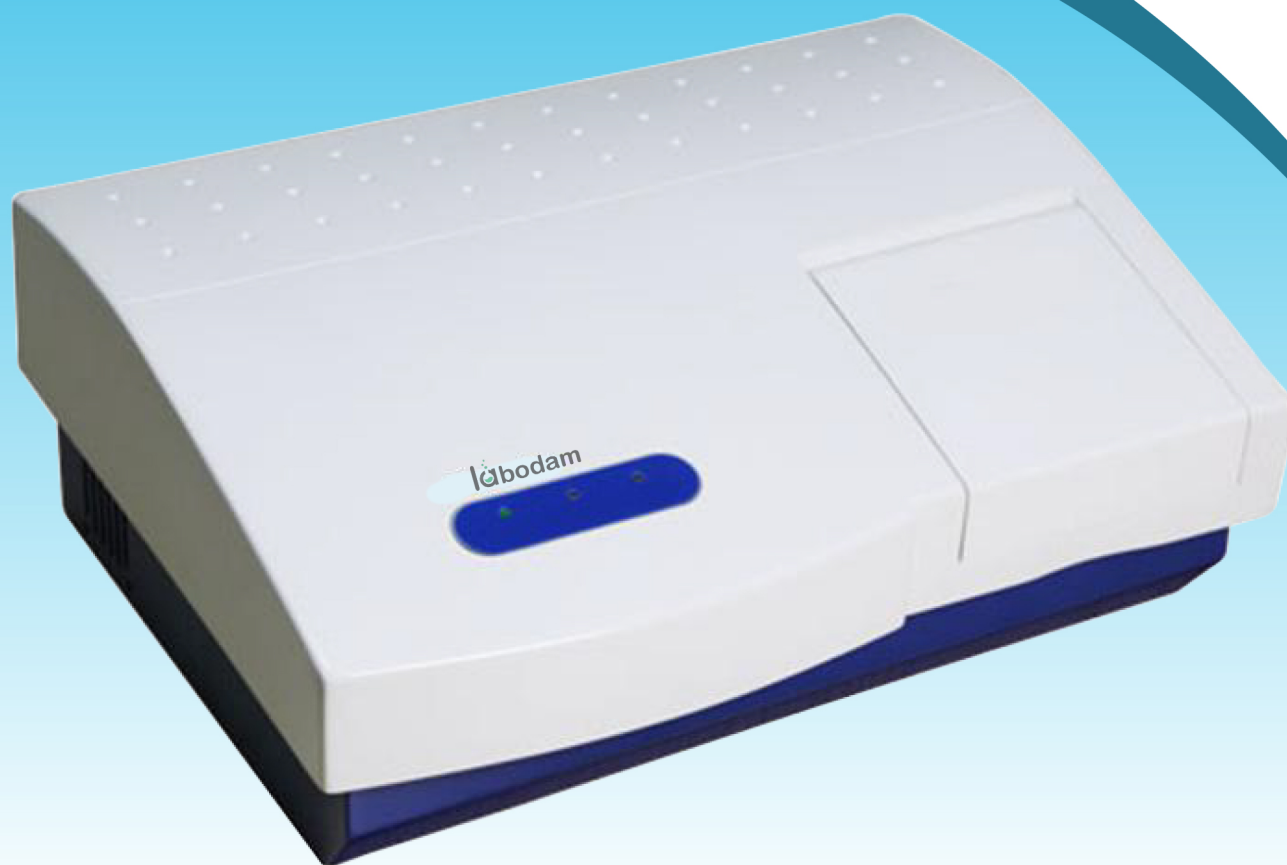




Microplate Reader

LMPR-A30



www.labodam.com

info@labodam.com

MICROPLATE READER

Microplate reader LMPR-A30

Microplate reader LMPR-A30 is cost effective, efficient and reliable microplate reader. It is well equipped with comprehensive qualitative and quantitative data evaluation function, optical system with 8 channel optical fiber, auto plate centering system and stable memory.

Features

- Measures single or dual wavelength
 - Wide wavelength range of 400-850 nm
 - Reads both 48 and 96-well plate
 - Needs to be connected with computer to operate
 - Capable of performing 12 different tests in just one plate
 - Optical system with 8 channel optical fiber scanning
 - Auto plate centering system to position the center of the cell accurately
 - Auto-lamp adjustment and auto calibration function
 - Stable memory capable of storing 10,000,000 test data and 500 test results
 - Multiple formats of result output
 - USB port for easy data transfer
 - Consists ELISA Reader software
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Applications

It finds wide application in Immunoassays (ELISA), enzyme assays, absorbance based microplate reader assay (Bradford assay), proliferation assays and toxicity.

MICROPLATE READER

Specifications

Model no.	LMPR-A30
Plate type	48/96-well plate
Wavelength range	400-850 nm
Standard filters	405, 450, 492, 630 nm
Additional filters	Filter wheel for up to 8 filters
Reading range	0.000 to 4.000 Abs
Reading speed	Single wavelength \leq 3s; dual wavelength \leq 6s
Resolution	0.001 Abs
Accuracy	\pm 0.008 Abs
Reproducibility	\leq 0.2 %
Stability	\pm 0.003 Abs
Shaking mode	Linear shaking, 3 speeds
Photodetector	Silicon photodiode
Light source	8V/50W controlled tungsten halogen lamp
Interface connection	USB
Power supply	100 to 240 V, 50 to 60 Hz
Dimension (LxWxH)	460 × 350 × 197 mm
Net weight	10 kg
Gross weight	12 kg