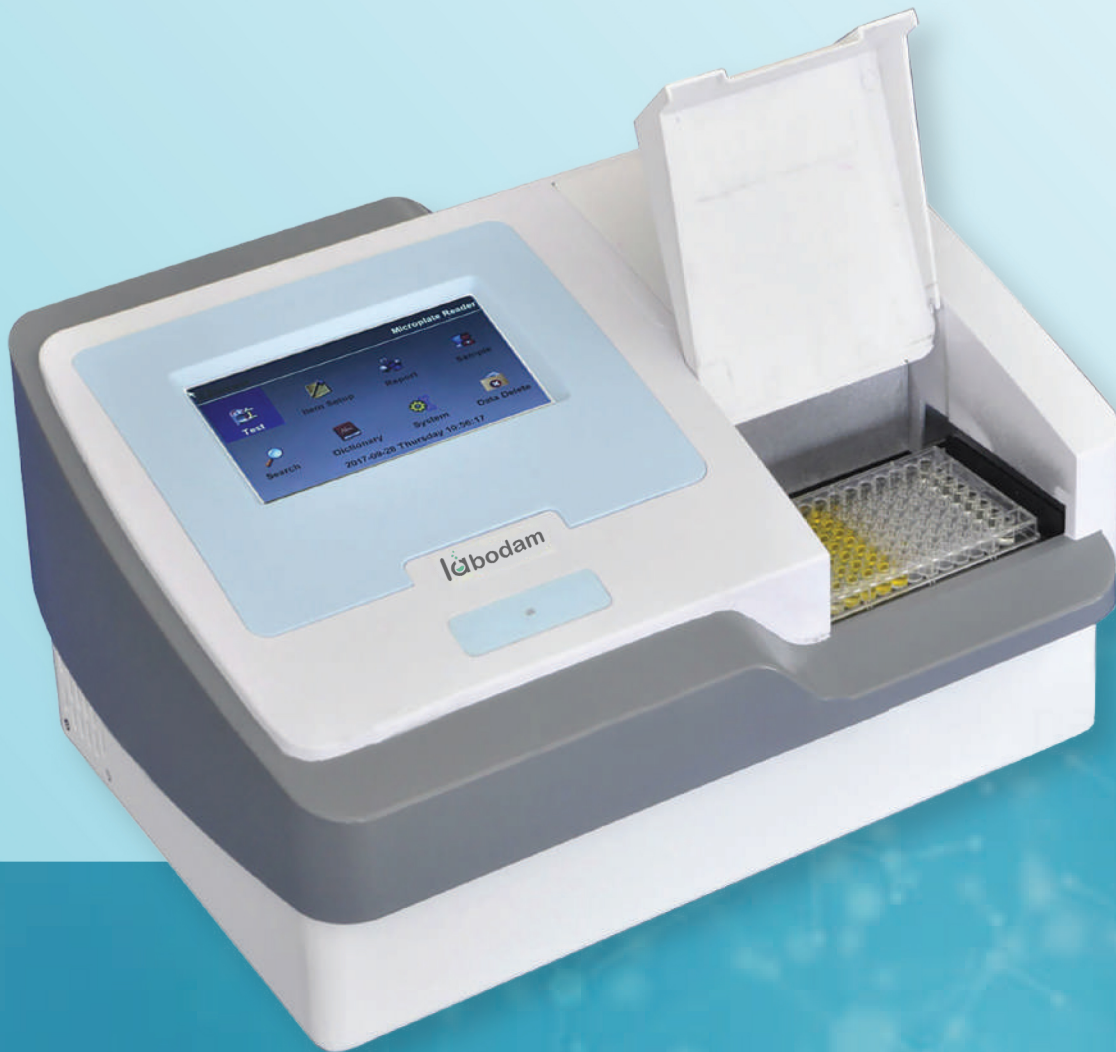


Microplate Reader LMPR-A13



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Microplate Reader LMPR-A13 reads both 48 well and 96 well microplates in the wavelength range of 400 nm to 850 nm and also it can perform 12 different test in one plate. Features 8 channel optical fiber scanning, LCD display, auto calibration mode, minimum reading speed, etc. to ensure efficient performance. It is widely used in research laboratories, universities and industries.

Features

- » Silicon photodiode for higher sensitivity
- » 8 channel optical fiber scanning
- » Single and dual wavelength measurement
- » Performing 12 different test in single plate
- » Automatic adjustment of lamp
- » Automatic calibration mode
- » 7 inch LCD display
- » Touch screen control panel
- » Internal memory to store 2,00,000 test data
- » Easy to understand options in the menu
- » Built-in thermal printer
- » Can be connected to PC and USB slot also available
- » Microplate Reader software can be provided

Applications

It has applications in drug discovery, life science research, bioassay testing, quality control etc.

Specifications

Model no.	LMPR-A13
Light Source	8 V/50 W controller tungsten halogen lamp
Wavelength Range	400 nm to 850 nm
Standard Filters	405, 450, 492, 630 nm and 4 optional
Reading range	0.000 to 4.000 A
Resolution	0.001 A
Accuracy	± 0.008 A
Reproducibility	$\leq 0.2\%$
Stability	± 0.003 A
Indication range:	0.000 to 4.000 OD
Reading Speed	Single wavelength- ≤ 3 s
	Double wavelength- ≤ 6 s
Display	7 inch LCD display
Shaking	Linear shaking, 3 speeds
Printer	Built-in thermal printer, external printer is optional
Interface connections	2xUSB, 1XRS-232, PS2 mouse keyboard
Power supply	100 to 240 V, 50/60 Hz
Weight	11 kg