



# Clinical Microplate Reader EMR-500

**Model EMR-500**



Eight channel photometers for the sequential and simultaneous for the reading of microplates. Providing the best level of sensitivity for variable assay conditions, with powerful software are able to perform reading and data procession with relative memorization.

Ability to read flat, U and V bottom.

Auto calibration before each reading.

Programmable variable speed shaking.

Measurement range: 0.000-3.500A

Light Source: Halogen

EMR-500 can work by itself, and can connect to the computer. Can use with Windows XP and Windows 7.

## Technical Specifications of Readers

EMR-500 is an eight-channel microplate reader with the most sophisticated technology, the highest quality and reliability, and it is easy to operate.

Model	EMR-500
Measuring System	8 channels, 96 well plate
Analysis Mode	Cut-off, single and multi-standard, O.D., bichromatic, dynamic reading, etc
Linear Range	0.001-3.500 Abs
Photometric Accuracy	$\pm 1\%$ or $\pm 0.001$ Abs
Repeatability	$< 1.0\%$
Stability	$< 0.005$ Abs/hr
Linearity	$< \pm 1.0\%$
Sensitivity	$< \pm 0.001A$
Channels Discrepancy	$< \pm 0.002A$
Optical Filters	405/450/492/630nm
Reading	Automatic focusing function makes the results more precise
Tray Shaking	Yes
Storage	100 programs
Display	Touch screen
Interface	RS-232 and USB port
Printer	Internal printer (external printers are available upon request)
Power Supply	AC 110-240V 50/60 Hz
Dimensions	46cm*33cm*18cm
Weight	7.5kg

### LABOMED, INC.

2728 S. La Cienega Blvd., Los Angeles, CA 90034  
TEL (310)202-0814 FAX (310)202-7286

www.labomed.com  
Email: spectro@labomed.com