



ELISA Micro-plate Reader EZL-MR102

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ELISA Micro-plate Reader EZL-MR102 is compact and reliable reader capable of reading 96 well plates. It ensures fast and accurate measurement with excellent linearity. Data can be transferred to computer through USB interface. Supports rapid photometric measurements within a range of 400 to 850 nm and measures entire 96 well plate within seconds. Large memory to store up-to 20 million test data and 500 test projects. Uses 8v/50w Controlled tungsten halogen lamp as light source.

Key Features

- ❑ Large Intelligent Operation interface and easy to connect to PC
- ❑ Flexible plate layout with blanks, standards, samples, reference and QC in one screen
- ❑ Comprehensive qualitative and quantitative data evaluation functions with cutoffs and curve-fits
- ❑ Supports keyboard and mouse with USB interface
- ❑ Saves up-to 20 million test data and 500 test projects
- ❑ Small foot print saves laboratory space and facilitates automated procedures
- ❑ Automatic lamp adjustment and auto calibration

Technical Parameters

Model	EZL-MR102
Micro-plate types	96/ 48-well plate
Photo-detector	Silicon Photodiode
Light source	8v/50w Controlled tungsten halogen lamp
Wavelength Range	400nm to 850nm
Standard Filters	405,450,492,630nm and 4 optional
Reading Range	0.000 to 4.000A
Resolution	0.001A
Accuracy	±0.008A
Reproducibility	≤0.2%
Stability	±0.003A
Reading Speed	Single Wavelength≤3s; Double Wavelength≤6s
Shaking	Linear Shaking, 3 speeds
Printer	Built-in Thermal Printer, optional external printer
Interface connections	USB
Power Supply	100 to 240V, 50 to 60 Hz
Dimensions (L×W×H)	460×350×197 mm
Net Weight	7 Kg

Application

- Widely used in hospital for clinical diagnosis, immune pathology detection, microbial antigen and antibody detection, parasitic disease diagnosis, endocrine disorder detection, plant diseases and insect studies