

## Automatic Wide Range Elisa Plate Reader



### Description

The ELMR-300 is a popular elisa plate reader capable of sensitively measuring absorbance signals on microtiter plates, accurately detecting and analyzing the concentration and activity of biomolecules.

### Advantage

1. 7-inch high-resolution touch screen, simple operation and easy to view the results.
2. Endpoint method, kinetic method, inhibition rate, and single/dual wavelength measurement to achieve fast readout and accurate detection.
3. Wide voltage design, global network power supply applicable.
4. The elisa plate reader's wavelength range of 400-900 nm can meet a variety of applications. 5. Compact design, simple operation, easy to carry.
6. Light source energy-saving design maximizes the extension of the service life of the light source.
7. The software includes program generation and storage, as well as a test data storage function with a large storage capacity. 8. Powerful curve fitting, kinetic analysis and reporting functions.

## Specification

Model	ELMR-300
Lamp	DC12V 22W Tungsten halogen lamp
Optical path	8 channel vertical light path system
Wavelength range	400-900nm
Filter	Default configuration 405,450, 492,630nm, Can be installed up to 10 filters.
Reading range	0-4.000Abs
Resolution	0.001Abs
Accuracy	$\leq \pm 0.01$ Abs
Stability	$\leq \pm 0.003$ Abs
Repeatability	$\leq 0.3\%$
Vibration plate	Three kinds of linear vibration plate function, Adjustable 0-255 seconds
Display	7 inch color LCD screen, display the entire board information, touch screen operation
Software	Professional software, Can store 500 groups kinds of curve fitting equation
Power supply	Use the power adapter design AC100-240V
Dimensions(W×D×H)(mm)	400x260x200
Shipping size(W×D×H)(mm)	570x440x480
N.W./G.W. (kg)	8/15