

Versatile Automated Elisa Plate Reader



Description

This is a powerful clinical Elisa microplate reader with features and advantages such as high sensitivity, automated functions, versatility, user-friendliness and high-quality results. The high-definition display makes it easier to set up assay parameters and view results.



Advantage

- 1. Intelligent switch of a light source to extend its life.
- 2.You can choose 13 calculation methods, such as absorbance, CUTOFF threshold, single-point calibration, etc.
- 3.Elisa microplate reader can automatically determine the current status of the instrument and performance indicators .
- 4.It can be connected to a computer and controlled by a mouse.
- 5.Single-board multiple test function: A single board can simultaneously carry out 12 kinds of different tests.
- 6.Perfect quality control function, automatically save the quality control data, and can print various quality control charts.

Specification

| Model                    | ELMR-200II                                       |
|--------------------------|--------------------------------------------------|
| Microplate types         | 96/48 -well plate                                |
| Photodetector            | Silicon Photodiode                               |
| Light source             | LED                                              |
| Wavelength range         | 400–725 nm                                       |
| Standard filters         | 405,450,492,630nm & 4 optional                   |
| Reading range            | 0.000~4.000A                                     |
| Accuracy                 | ±0.008A                                          |
| Reproducibility          | ≤0.2%                                            |
| Stability                | ±0.003A                                          |
| Reading Speed            | Single wavelength ≤10 s; Double wavelength ≤20 s |
| Shaking                  | Linear Shaking , 3 speeds                        |
| Input                    | DIATEK ELISA Reader software                     |
| Interface                | USB                                              |
| Power supply             | 100~240V, 50~60Hz                                |
| Dimensions(W×D×H)(mm)    | 460×350×197                                      |
| Shipping size(W×D×H)(mm) | 480x610x360                                      |
| N.W./G.W. (kg)           | 9/13                                             |

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Advantage

- 1.Intelligent switch of a light source to extend its life.
- 2.You can choose 13 calculation methods, such as absorbance, CUTOFF threshold, single-point calibration, etc.
- 3.Elisa microplate reader can automatically determine the current status of the instrument and performance indicators and print the relevant data.
- 4.It can be connected to a computer and controlled by a mouse
- 5.Single-board multiple test function: A single board can simultaneously carry out 10 kinds of different tests
- 6.A built-in printer can directly print the test report and data.
- 7.Perfect quality control function, automatically save the quality control data, and can print various quality control charts.

Specification

| Model                                   | ELMR-111                                                                                                                              |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Lamp                                    | DC12V 22W Tungsten halogen lamp with power management                                                                                 |
| Optical path                            | 8 channel vertical light path system                                                                                                  |
| Wavelength range                        | 400- 900nm                                                                                                                            |
| Filter                                  | Default configuration 405、 450、 492、 630nm, Can be installed up to 15 filters for connected computer. (10 filters for single machine) |
| Reading range                           | 0- 4.000Abs                                                                                                                           |
| Linear range                            | 0.000-3.000Abs                                                                                                                        |
| Resolution                              | 0.001Abs (display, print), internal calculation 0.0001Abs                                                                             |
| Accuracy                                | ≤±0.01Abs                                                                                                                             |
| Stability                               | ≤±0.003Abs                                                                                                                            |
| Repeatability                           | CV≤0.2%                                                                                                                               |
| Layout                                  | Visual layout, support standard 96-well free layout                                                                                   |
| Vibration plate                         | Three kinds of linear vibration plate function ,Adjustable 0- 255 seconds                                                             |
| Display                                 | 8 inch color LCD screen, display the entire board information,touch screen operation.                                                 |
| Sampling:                               | Automatic opening/closing of the sampling compartment door, no need to open the cover manually                                        |
| Software                                | Professional software, Can store 100 groups program,100000 sample results, More than10 kinds of curve fitting equation.               |
| Power input                             | Wide voltage design AC100-240V 50-60Hz                                                                                                |
| Temperature control function (optional) | (room temperature +4 C ~50 C ) ±0.5 C                                                                                                 |
| Dimensions(W×D×H)(mm)                   | 433x320x308                                                                                                                           |
| Shipping size(W×D×H)(mm)                | 630x470x530                                                                                                                           |
| N.W./G.W. (kg)                          | 19/23                                                                                                                                 |