

MICROPLATE READER MRW12-01



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Microplate Reader is a laboratory instrument that is used to measure chemical, biological or physical reactions, properties and analytes within the well of a microplate. Flexibility and reliability makes this product an unique choice. Used in Drug Discovery, Research, Laboratory, Medical, Assay Development, Life Science.
Also known as Laboratory Microplate Reader.

MRW12-01 MICROPLATE READER

- Bichromatic, 8-channel Optical system.
- Large storage capacity up to 200 test protocols and 100,000 results.
- LED light source with lifespan over 10,000 hours.
- 3 shaking modes with variable time.
- Windows operation system, self-check, malfunction alarm.
- 7 inch touch TFT LCD screen, test results simultaneous displayed in screen.



SPECIFICATIONS

| Model | MRW12-01 |
|-------------------------|---|
| Repeatability | < 1% |
| Stability | < 0.005 Abs/10 min |
| Linearity | R \geq 0.995 |
| Display | 7 inch TFT LCD, 800x480 Pixels |
| Interface | RS~232, 4 USB ports, SD Card |
| Printer | Built-in printer, external printer |
| Power Supply | AC 100~240V, 50/60 Hz |
| Dimension | 400Lx310Wx169H mm |
| Weight | 6 kg |
| Readout Range | 0.000~3.500 Abs |
| Plate Type | 96-well plate |
| Light Source | Monochromatic LED |
| Reading Speed | 5s with single wavelength for whole plate |
| Input | Mouse, membrane keyboard, touch screen |
| Working conditions | |
| Humidity | 15%~85% |
| Temperature | 10°C~35°C |
| Measure System | 8~channel optical system |
| Band Width and Accuracy | 8 nm \pm 2 nm |
| Shaking | 3 shaking modes with variable time |
| Wavelength | 405, 450, 492, 630nm, two more optional |



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