

Microplate Reader

MR-200B



Main Features:

- Touch screen 2 Line x 24 Character LCD display.
- Large Intelligent operation interface, easy connect to pc
- Flexible plate layout with blanks, Standards, Samples, Reference, QC in one screen
- Comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas.
- More than 20 different report formats
- Auto lamp adjustment and auto calibration.
- Support keyboard and mouse with USB interface
- Stable memory stores up to twenty million test data, 500 test projects
- Flexible configurations with ability to read flat-, U-, or V-bottom micro plates or 8- or 12-well strip plates
- Motorized door for plate loading

Technical Specification:

Microplate Types	96/48 - well plate
Photodetector	Silicon Photodiode
Light source	8v/50w Controlled tungsten halogen lamp
Wavelength range	340nm~900nm
Standard filters	415, 450, 490, 595, 655, 750 nm & 2 optional
Reading range	0.000~4.000A
Resolution	0.001OD
Accuracy	± 1% from 0 to 3 OD
Photometric range:	0.0–3.5 OD
Precision :	1.0% or 0.005 OD from 0.0–2.0 OD; 1.5% from 2.0–3.0 OD
Repeatability	<0.5 at 2.5 OD, <1.5% at 3.5 OD
Linearity	≤1% at 2.5 OD, ≤2% at 3.5 OD
Reading Speed	Normal - Single (12 Seconds) and Dual (20 Seconds) Wavelength. Rapid - Single (6 Seconds) and Dual (10 Seconds) wavelength.
Shaking	Linear Shaking, 3 speeds
Printer	Built-in Thermal Printer, Optional external printer
Interface connections	DVI, VGA, NETWORK INTERFACE, USB, AUDIO INTERFACE, RS-232
Power supply	100~240V, 50~60Hz
Dimensions	460(L) x 350(W) x 197(H)mm
Net Weight	8kg

Regulatory compliances



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