

Microplate Reader

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Microplate Reader

DS-200B



Product Overview

A **Microplate Reader** is a versatile laboratory instrument designed for rapid and accurate analysis of microplate-based assays. It measures optical signals such as **absorbance, fluorescence, and luminescence** for reliable quantitative results.

Product Features

1. Brand-new shell and operation system
2. Touch screen with 10.4"color LED display, resolution 1024*600 Large Intelligent operation interface, easy connect to PC
3. Flexible Plate layout with Blanks, Standards, Samples,
4. Reference, QC in one screen
5. Comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas
6. More than 20 different report formats
7. Auto Lamp adjustment and auto calibration
8. Support keyboard and mouse with USB interfaces
9. Stable memory stores up to twenty million test data, 500 test projects

Technical Specification

Model	DS-200B
Microplate types	96/48-well plate
Photodetector	Silicon Photodiode
Light source	8v/50w Controlled tungsten halogen lamp
Wavelength range	400nm~800nm
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≤3s;Double Wavelength ≤6s
Shaking	Linear Shaking, 3 speeds
Printer	Build in Thermal Printer, optional external Printer
Interface connections	DVI,VGA,LAN, USB-A,USB-B,USB-C, AUDIO, RS-232
Power supply	100~240V, 50~60Hz
Dimensions	460(L)×350(W)×197(H)mm
Net weight	8 kg