

Microplate Reader

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Microplate Reader



DS-200Bn

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.

FEATURES

Product Features

1. Single or dual wavelength measurements, comprehensive qualitative and quantitative data-evaluation functions with cut-offs, curve-fits and transformation formulas
2. Proven optical system with 8 channel optical fiber scanning, auto plate centering system positions the center of the cell accurately Performing 12 different tests just in one plate
3. Store 500 test items and 10,000,000 test data
4. Multi-forms in result output including patient comprehensive report Auto Lamp adjustment and auto calibration, improve ☑ the efficiency of the system and reduce the cost
5. With USB interface, easily connect to PC, comprehensive functions with Found Word Station PC software

Technical Specification

Model	DS-200Bn
Input	Reader software
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
Shaking	Linear Shaking, 3 speeds
Interface connections	USB
Power supply	100~240V, 50~60Hz
Dimensions	460(L)×350(W)×197(H)mm
Net weight	7 kg