

Microplate Reader

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Microplate Reader

DSW-320



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. Large LCD display, menu designed for convenient use
2. Whole plate washing or single strip washing
3. 12-way and 8-way manifold included
4. Low residual volume by two pipettes
5. Complete bottom washing
6. Shaking and dipping function
7. Automatic monitoring of vacuum and pressure, automatic rinse cycle
8. Flat, V-bottom or U-bottom plate and strips washing
9. Large memory to store up to 120user programmed wash protocols
10. Emergency stop available and liquid warning

Technical Specification

Model	DSW-320
Input	8 key Membrane keyboard
Display	High brightness LCD display Screen
Manifold	8 pins and 12 pins
Wash mode	Strip mode and plate mode
Wash strips	1~12 adjustable
Applicable well	Flat, V-bottom or U-bottom
Washing times	0~99 times adjustable
Dipping time	0~3600s adjustable
Shaking time	0~600s adjustable
Residual volume	<1uL/well
Liquid volume	50~3000ul/well
Sipping time	0.1~9.9s
Storage capacity	More than 120 user defined wash board procedures
Power supply	100~240V, 50~60Hz
Dimensions	448(L)x382(W)×163(H)mm
Net weight	8kg
Operating environment	Temperature 5°C~40 C,Max humidity 80%