

PurpleCore™

Microplate Shaker

- Specially developed for microplate applications and suitable for both laboratory benches and incubator usage
- Equipped with a standard loading platform that supports up to 4 microplates or culture plates simultaneously
- Bright LED screen provides clear visibility of operating speed and timer settings
- Delivers smooth and uniform shaking action to ensure proper mixing inside each well, improving overall reaction consistency
- Designed for continuous and stable operation with low-noise performance
- Fitted with a durable, high-quality motor and strong load-bearing structure for extended operational life
- Performs reliably even in environments with varying temperature and humidity conditions



Description:

The Microplate Shaker is specially engineered for efficient and consistent mixing of microplates. It delivers smooth and stable shaking performance, ensuring that samples inside the wells are uniformly mixed without spillage or cross-contamination. This shaker is widely suitable for applications in immunology, biotechnology, molecular biology, and microbiology laboratories.

FEATURE HIGHLIGHTS:



BRUSHLESS MOTOR

Maintenance-free performance with long-lasting reliability.



LARGE THROUGHPUT CAPACITY

Handles multiple ELISA plates, culture plates, and microplates efficiently.



ADJUSTABLE SPEED & TIMER

Easily set and control shaking speed and time from the front control panel.



OPEN TRAY STRUCTURE

Quick sample placement and easy removal for better workflow.



STANDARD DEEP-WELL PLATE SUPPORT

Compatible with standard deep-well and multi-well microplates for reliable and secure sample processing.



QUICK LOCKING MECHANISM

Designed with a fast-clamping system for easy plate installation and stable operation during shaking.

Applications:

- Life Science & Research

Suitable for immunoassays, ELISA testing, and various laboratory research procedures requiring precise sample mixing

- Flow Cytometry & Molecular Testing

Supports flow cytometry staining and RNA extraction processes using magnetic bead-based mixing techniques

- Sample Preparation

Ideal for 96-well plate pretreatment applications used in LC-MS/MS analysis and laboratory workflow preparation

- Library & Reagent Preparation

Efficient for sample and reagent mixing during library preparation procedures in research laboratories

- Refrigeration & Oscillation Use

Can be utilized as an indoor oscillation platform in refrigerated laboratory environments

- Food & Beverage Analysis

Useful for quality testing applications such as histamine detection in cheese and vitamin analysis in milk products

Technical Specifications

Specification :	
Product Code	PBI013
Plate Capacity	4 pcs standard microplates /deep-well plates/cell culture plates
Speed range	200~1500 rpm
Shake Amplitude	3mm horizontal rotation
Time range	1 min~99 hr 59 min
Power	80 W
Dimension (LxWxH)	340×210×145 mm
Weight	5 kg
Power supply	100–240V; 50/60Hz



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