

# PurpleCore™

## Multi-tube Vortex Mixer

- Dual operating modes: continuous and touch activation
- Quiet and stable performance during operation
- User-friendly digital control panel
- Bright LED display for clear monitoring
- Adjustable speed and timer settings
- Efficient brushless DC motor for long service life
- Supports simultaneous processing of multiple samples (mix up to 50 samples)
- Compact and durable laboratory design
- Compatible with different tube rack configurations
- Smooth operation with minimal vibration



### Description:

The Multi-Tube Vortex Mixer is designed for efficient and uniform sample mixing in laboratories and research environments. It features a high-performance brushless motor and advanced microprocessor control for reliable operation and consistent results. The push-button mechanism allows easy switching between continuous and touch modes, making it suitable for various tube sizes and mixing applications. This equipment is widely used in biotechnology, medical diagnostics, chemical analysis, and research laboratories.

### FEATURES:

-  Powerful Performance
-  Digital Display
-  Speed Control
-  Multi-Sample Mixing
-  Interchangeable Platforms

## Smarter Mixing. Better Results

### FEATURES:

Dual Working Modes: Reliable performance with low noise and high stability.



#### Continuous Mode

Ideal for long-duration mixing.



#### Pulse (Touch) Mode

Press and hold for quick mixing.



#### User-Friendly Control

Simple interface for effortless operation and monitoring.



#### High Throughput Capacity

Handles large sample volumes with uniform, consistent mixing.



Mix up to 50 samples at once

## VERSATILE TUBE RACK OPTIONS

Select the right rack for your tubes and applications:

Microtube Rack

1.5 / 2.0 ml Tube Rack

15 ml Tube Rack

50 ml Tube Rack

Foam Tube Insert

Flat Platform



Microtube Rack



1.5 / 2.0 ml Tube Rack



15 ml Tube Rack



50 ml Tube Rack



Foam Tube Insert



Flat Platform

## KEY BENEFITS



### Efficient Mixing

Powerful vortex action ensures thorough and uniform mixing.



### Time Saving

Process many samples simultaneously and save valuable time.



### Quiet Operation

Brushless motor provides smooth, silent and maintenance-free use.



### Reliable & Durable

Built for continuous use in demanding lab environments.



### Flexible Compatibility

Multiple interchangeable racks fit various tube sizes and formats.



### Wide Applications

Perfect for labs in research, diagnostics, biotech and more.

## IDEAL FOR:



Biotechnology



Clinical Labs



Pharmaceutical



Research



Academic



Quality Control

## Technical Specifications

| Specification :       |                         |
|-----------------------|-------------------------|
| Product Code          | PBI007                  |
| Sample Capacity       | 50 samples              |
| Speed range           | 200~2500rpm             |
| Vibration amplitude   | 4mm Horizontal rotation |
| Time range            | 1min~99h59min           |
| Maximum Load Capacity | 4.5kg                   |
| Top cover size (LxW)  | 310x184mm               |
| Power                 | 70W                     |
| Dimension (LxWxH)     | 410×260×410mm           |
| Weight                | 15kg                    |
| Power supply          | 100V~240V, 50/60Hz      |



*Discover More Products to Simplify Your Laboratory Needs*

Visit us at <https://purplebiolabs.com/>

For further queries, contact us at

[info@purplebiolabs.com](mailto:info@purplebiolabs.com)/[support@purplebiolabs.com](mailto:support@purplebiolabs.com)



Prior to usage, users are responsible for ensuring the suitability of our products for their intended application. Our products adhere solely to the information provided in this and other related Purple Biolabs publications. The content in this publication is derived from our research and development efforts and is, to the best of our knowledge, accurate and reliable. Purple Biolabs retains the right to modify specifications and product-related information at any time. Our products are designed for laboratory and research purposes only, unless otherwise specified. The statements herein should not be construed as a warranty, whether expressed or implied, and we do not accept liability for any patent violations.