

Laboratory Instruments

3D Rotating Mixer

- Compact design suitable for laboratory benches, refrigerators, and incubators
- Multiple operating modes including **continuous rotation, gentle shaking, and angle-based mixing**
- Easy-to-install interchangeable tube clamps
- Adjustable rotation angle for horizontal, vertical, or customized positioning
- Memory function automatically restores the last operating setting after restart
- Quiet and stable operation for long-duration experiments



Description:

The 3D Rotating Mixer is designed to gently mix and rotate samples in a variety of laboratory tubes. It allows horizontal, vertical, and angled rotation, ensuring effective and uniform sample blending. With smooth operation and reliable performance, this device is ideal for applications such as molecular research, blood sample preparation, and other laboratory mixing procedures. Its compact structure makes it suitable for benchtops, cold rooms, and incubators.

Flexible Multi-Angle Tube Holder

Interchangeable tube racks support different sample sizes for convenient operation.



Compatible with **1.5 mL / 2 mL** microcentrifuge tubes



Suitable for **5 mL / 7 mL / 10 mL / 15 mL** tubes (optional adapters available)



Supports larger **50 mL** centrifuge tubes



The adjustable rotating platform allows users to position samples at different angles for optimized mixing performance.

Long-Lasting Performance | Broad Laboratory Use

• Widely applied in: •



Technical Specifications

Specification :		
Product Code	PBI003	PBI004
Power	4W	4W
Rotation Speed	Fixed at 20 rpm	Adjustable 10~40 rpm
Oscillation Range	-	20°~90° adjustable
Operating Mode	Continuous	1s~999min/Continuous
Tube Compatibility	0.5 / 1.5 / 2 / 5 / 7 / 10 / 15 / 50 mL	0.5 / 1.5 / 2 / 5 / 7 / 10 / 15 / 50 mL
Working mode	Continuous	Continuous
Dimension (LxWxH)	240×140×210mm	240×140×210mm
Weight	1.2kg	1.2kg
Power supply	110V/220V, 50/60Hz	110V/220V, 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/support@purplebiolabs.com

05/26_00



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.