

PurpleCore™

Mini Vortex Mixer – DC Motor

- Smart external touch-activation eliminates the need for a power switch
- High-performance brushless DC motor offers strong output, extended lifespan, and zero maintenance
- Available in two versions: constant speed and variable speed
- Smooth, stepless speed adjustment via control knob to suit different applications
- Offset circular drive mechanism ensures fast and uniform mixing
- Non-slip base pads provide enhanced stability during operation
- Robust silicone mixing head minimizes vibration and improves durability



Description:

This compact vortex mixer features a brushless DC motor and is designed primarily for touch-activated (inching) operation. Its small size and lightweight construction allow easy one-handed use. The instrument is capable of achieving a maximum mixing capacity of up to 50 ml at speeds reaching 3500 rpm.

Key Performance Highlights:

Fast Mixing

Rapid and uniform sample blending

Smart Inching

Touch-activated operation for quick use

Brushless Motor

Stable performance with long service life

Variable Speed

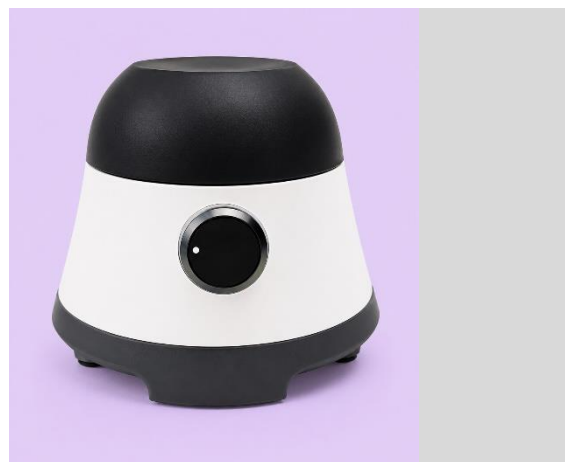
Smooth speed adjustment for precise control

Compact Design

Space-saving size for easy placement

Low Noise

Quiet operation for comfortable working



Technical Specifications

Specification :		
Product Code	PBI005	PBI006
Speed	3500 rpm	0~3500 rpm
Control method	Fixed	Step-less knob speed control
Vibration Amplitude	4 mm	4 mm
Mixing method	Orbital	Orbital
Operating Function	Intelligent inching	Intelligent inching
Power Consumption	≤12 W	≤12 W
Motor type	Brushless DC Motor	Brushless DC Motor
Work surface material	Rubber	Rubber
Dimension (LxWxH)	95.3 × 92.3 × 74.6 mm	95.3 × 92.3 × 74.6 mm
Weight	0.29 kg	0.29 kg
Input voltage / frequency	100~240 V, 50/60 Hz	100~240 V, 50/60 Hz



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