

# Vortex Mixer with LCD Display

This vortex mixer is a laboratory instrument for mixing small vials of liquid. It features an LCD display to set and monitor time and speed, with continuous and inching modes.



## Product Overview

### Professional Laboratory Vortex Mixer

The MV-6 Vortex Mixer is a compact, high-performance laboratory instrument designed for efficient oscillation of test tubes, centrifugal tubes, beakers, and microtiter plates. Featuring a DC brushless motor, it offers a maintenance-free, quiet operation with excellent stability due to its low center of gravity. The unit provides precise control via an LCD display, allowing users to switch between continuous and inching modes for versatile sample preparation.

## Technical Specifications

### Key Performance Metrics

**3000 rpm**

Max Speed

**1 kg**

Max Load

**4.5 mm**

Orbital Diameter

### Power & Motor Specs

- Motor Type: DC Brushless, direct-drive
- Input Power: 28W
- Output Power: 15W
- Voltage: 100-240V 50/60Hz

## Operating Features

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Continuous Mode, Inching Mode, LCD Speed Display, Automatic Fixture Recognition, Safety Speed Protection

## Physical & Environmental

### Physical Dimensions

- Dimensions: 200 x 140 x 70 mm
- Net Weight: 1.5 kg
- Protection Standard: IP21

### Working Environment

| Parameter             | Value   |
|-----------------------|---------|
| Operating Temperature | 5-40 °C |
| Permissible Humidity  | 80%     |