

Vortex Mixer 2800rpm with Simulation Display

This vortex mixer is a compact laboratory instrument for mixing small volumes of liquids. It features variable speed control up to 2800rpm and operates in continuous and inching modes.



Product Overview

High-Performance Laboratory Vortex Mixer

The MV-2 Vortex Mixer is a compact, robust laboratory instrument designed for efficient sample processing. Featuring a brushless motor, it provides stepless speed control up to 2800 RPM with a 4.5mm orbital amplitude, making it ideal for tasks ranging from cell suspension to reagent mixing. With both continuous and inching modes, this device offers the versatility required for busy biochemistry and pharmaceutical laboratories.

Technical Specifications

Performance Metrics

2800 rpm

Max Speed

4.5 mm

Orbit Diameter

4 kg

Max Load

Operating Parameters

Parameter	Value
Input Power	45 W
Output Power	20 W
Operating Voltage	220V±10% 50HZ
Protection Class	IP21
Ambient Temperature	5-40 °C

Features and Operation

Operation Modes	Continuous, Inching
Motor Technology	Brushless DC Motor (Maintenance-free)

Accessories

Compatible Attachments

- V1.1 Standard Gasket (Tubes < 65mm)
- V1.3 Microtiter Plate Attachment
- V1.4 Flask Attachment (Triangle Flasks)
- V1.31-V1.34 Centrifugal Tube Adaptors