Digital Vortex Mixer MSVM500ProSWISS: Advanced Precision Mixing for Laboratory Research

Model **MSVM500ProSWISS** | Brand **Master Science** | Unit **Pc**



Digital Vortex Mixer

Discover the Master Science SVM500ProSWISS Digital Vortex Mixer, engineered for seamless and precise sample mixing in demanding laboratory environments. Whether you're a research scientist handling PCR plates or a lab procurement specialist seeking reliable equipment, this multi-plate vortex mixer delivers exceptional performance with its digital display, versatile speed control, and robust build.

KEY HIGHLIGHTS

- Stable and Quiet Operation
- Durable and Safe
- Inconsistent Mixing
- Manual Control Limitations
- Equipment Versatility Issues

AT A GLANCE

0-3000 RPM Run: 100-3000 RPM
SPEED RANGETOUCH

Request a Quotation
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Overview

Optimize your workflow with a device that combines innovation and ease-of-use, ensuring consistent results every time.

Achieve exact mixing with stepless PWM adjustment, ranging from 0-3000 RPM in Touch mode and 100-3000 RPM in Run mode, allowing for tailored vortexing of sensitive samples.

Real-time visibility of speed and time settings enhances accuracy, reducing errors in high-stakes experiments.

Supports multiple fixtures for centrifugal tubes, blood tubes, PCR plates, cell culture plates, and more, making it ideal for diverse lab applications like biology, chemistry, and medical research.

Ultra-low body design with a brushless motor ensures minimal vibration and noise, maintaining a focused lab environment.

Key Benefits

VERSATILE COMPATIBILITY

Stable and Quiet Operation

KEY FEATURES

Easy switch between Touch and Run modes, plus timing up to 8 hours, streamlines repetitive tasks and boosts productivity.

Durable and Safe
IP21 protection level, wide voltage compatibility (AC 100-240V), and operation in temperatures from 5-40°C with 80% RH, guaranteeing reliability in various lab conditions.

SOLVING COMMON LAB PAIN POINTS

Laboratory researchers often face challenges like inconsistent mixing results, cumbersome speed adjustments, and equipment instability that can compromise experiment integrity. The SVM500ProSWISS addresses these head-on:

Inconsistent Mixing
The 4.5mm circular oscillation amplitude provides uniform vortexing across multiple tubes or plates, eliminating uneven sample preparation and ensuring reproducible outcomes in protocols such as DNA extraction or enzyme assays.

Manual Control Limitations
Say goodbye to guesswork with the intuitive digital display and PWM speed regulation, allowing precise control without constant monitoring.

Equipment Versatility Issues
With included accessories for various vessel sizes (e.g., 50ml4, 15ml9, 5-10ml12, 2ml24), it reduces the need for multiple devices, saving space and budget for lab purchasers.

Operational Downtime
The brushless motor's strong power and low-maintenance design minimize breakdowns, while the easy mode switching accelerates setup for time-sensitive research.

Safety and Ergonomics
Touch/Run functionality prevents accidental starts, and the compact, stable build reduces fatigue during extended use.

By tackling these pain points, the SVM500ProSWISS empowers labs to achieve higher efficiency, accuracy, and cost-effectiveness in daily operations.

Additional Information
This optimized specification highlights the SVM500ProSWISS's role as a precision tool for modern laboratories, emphasizing its ability to enhance research efficiency and reliability. For more details or to purchase, visit the official product page

Technical Specifications

PARAMETER	SPECIFICATION
ParameterDetails	
Operating ModeTouch / Run (easy to switch)	
Control ModePWM speed adjustment	
DisplayLCD Digital Display	
MotorBrushless motor for strong, reliable power	
Amplitude4.5mm circular oscillation	
Capacity50ml4 / 15ml9 / 5-10ml12 / 2ml24	
Speed RangeTouch	**0-3000 RPM Run: 100-3000 RPM**
Timing / Time1min - 8h	
Shell Protection LevelIP21	
VoltageAC 100-240V / DC24V	

PARAMETER	SPECIFICATION
Power20W	
Operating Temperature5 - 40°C, 80% RH	
Accessories IncludedVM501, VM502 (various fixtures for centrifugal tubes, blood tubes, PCR plates, cell culture plates, etc.) MASTER SCIENCE vortex mixer	