Rotary Mixer - Adjustable Angle Tube Rotator - 0-90° Tilt - 10-70 rpm, LCD Timer

Model **MSRMX-ARSWISS, MSRMX-AR-ESWISS** | Brand **Master Science**





The Master Science Adjustable Angle Rotary Mixer turns tubes end over end for gentle but effective mixing of samples, reagents and suspensions. Its rotating disc can be tilted anywhere from 0 to 90°, so the motion can be set from vertical tumbling to horizontal rolling to suit the sample.

KEY HIGHLIGHTS

- Adjustable motion
- Precise control
- Quiet, durable drive
- Many tube formats

AT A GLANCE

LCD model: 10 to 70 rpm; economy model: 0 to 80 rpm
SPEED RANGE

LCD model: LCD; economy model: scale
SPEED DISPLAY

LCD model: 40 W; economy model: 20 W
POWER

LCD model: 1 to 1199 min; economy model: continuous only
TIMER

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www.themsci.com

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Overview

The main model uses a brushless DC motor with electronic speed and time control, an LCD that shows speed and time, 10 to 70 rpm and a timer up to 1199 minutes. An economy version with a 0 to 80 rpm dial and continuous running is also available, and a wide range of tube holders lets the Master Science Adjustable Angle Rotary Mixer handle many tube sizes.

Different samples need different mixing motions. The Master Science Adjustable Angle Rotary Mixer helps with:

Key Benefits

Adjustable motion
Tilt from 0 to 90° to change between tumbling and rolling.

Precise control
Electronic speed and timer settings shown on the LCD.

Quiet, durable drive
Brushless DC motor on the main model.

Many tube formats
A wide range of holders for different tubes.

For rolling-only mixing of blood tubes, see our digital roller mixer.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSRMX-ARSWISS, MSRMX-AR-ESWISS
SKU	MSRMX-ARSWISS, MSRMX-AR-ESWISS
Brand	Master Science
Models	MSRMX-ARSWISS (LCD, adjustable angle), MSRMX-AR-ESWISS (economy)
SKU	MSRMX-ARSWISS, MSRMX-AR-ESWISS
Motor	LCD model: brushless DC; economy model: DC
Tilt Angle	LCD model: 0 to 90°
Speed Range	**LCD model: 10 to 70 rpm; economy model: 0 to 80 rpm**
Timer	LCD model: 1 to 1199 min; economy model: continuous only
Speed Display	LCD model: LCD; economy model: scale

POWER	
Power	LCD model: 40 W; economy model: 20 W
Voltage	100-240 V, 50/60 Hz

DIMENSIONS & WEIGHT	
Dimensions (D × W × H)	LCD model: 220 × 510 × 260 mm; economy model: 300 × 220 × 310 mm

ENVIRONMENT	
Ambient Conditions	5 to 40°C, up to 80% RH
Protection Class	IP21

PROBLEMS THE MASTER SCIENCE ADJUSTABLE ANGLE ROTARY MIXER SOLVES	
One motion for all samples	Adjustable tilt lets you choose the right movement.
Settling of beads and cells	Continuous rotation keeps them suspended.
Inconsistent incubation times	The built-in timer controls each run.
Limited tube compatibility	Interchangeable holders accept many formats.

Applications

The Master Science Adjustable Angle Rotary Mixer is used for: Mixing blood and serum samples Antibody and protein binding incubations Hybridisation and immunoprecipitation Keeping cell and bead suspensions homogeneous Clinical, biotech and research laboratories

Motion

- End-over-end rotation
- Tilt angle adjustable 0 to 90° (LCD model)
- Gentle yet effective mixing

Control

- LCD display of speed and time (LCD model)
- 10 to 70 rpm electronic speed control
- Timer 1 to 1199 min or continuous
- Economy model: 0 to 80 rpm dial

Accessories

- Wide variety of tube holders available

Standard Accessories Included

- Rotary mixer main unit

Optional Accessories

- Tube holders and discs for different tube sizes