Tube Roller Mixer - 6-Roller Blood Sample Mixer - 10-70 rpm - 24 mm Amplitude, LCD Timer

Model **MSRMX-TRSWISS, MSRMX-TR-ESWISS** | Brand **Master Science**





The Master Science Tube Roller Mixer combines rolling with a gentle rocking motion to mix tubes slowly and evenly. It is well suited to blood samples, where it helps prevent coagulation, and to viscous liquids, liquid-solid suspensions and immunoprecipitation work.

KEY HIGHLIGHTS

- Gentle mixing
- Prevents clotting
- Two versions
- Easy cleaning
- For fast tube mixing, see our variable speed vortex mixer.

AT A GLANCE

LCD model: 10 to 70 rpm; analogue model: 0 to 70 rpm SPEED RANGE	**LCD model: LCD; analogue model: scale** SPEED DISPLAY
LCD model: 30 W; analogue model: 25 W POWER	**LCD model: 1 to 1199 min; analogue model: continuous only** TIMER

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Overview

Six 280 mm rollers carry up to 4 kg of tubes and bottles. Two versions are available: an LCD digital model with speed and time display, 10 to 70 rpm and a timer up to 1199 minutes, and a simpler analogue model with a 0 to 70 rpm dial for continuous use. Both versions of the Master Science Tube Roller Mixer are easy to clean.

Shaking or inverting tubes by hand is tiring and can damage samples. The Master Science Tube Roller Mixer helps with:

Key Benefits

Gentle mixing
Rolling plus rocking keeps samples in suspension without foaming.

Prevents clotting
Ideal for keeping blood samples mixed before analysis.

Two versions
Choose LCD display with timer or a simple analogue dial.

Easy cleaning
Six-roller design is simple to wipe down.

For fast tube mixing, see our variable speed vortex mixer.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSRMX-TRSWISS, MSRMX-TR-ESWISS
SKU	MSRMX-TRSWISS, MSRMX-TR-ESWISS
Brand	Master Science
Models	MSRMX-TRSWISS (LCD digital), MSRMX-TR-ESWISS (analogue)
SKU	MSRMX-TRSWISS, MSRMX-TR-ESWISS
Motion	Rocking and rolling
Amplitude	24 mm
Motor	DC motor
Number of Rollers	6
Roller Length	280 mm
General	Max. Load: 4 kg
Speed Range	**LCD model: 10 to 70 rpm; analogue model: 0 to 70 rpm**
Timer	LCD model: 1 to 1199 min; analogue model: continuous only
Speed Display	LCD model: LCD; analogue model: scale
POWER	
Power	LCD model: 30 W; analogue model: 25 W
Voltage	100-240 V, 50/60 Hz
DIMENSIONS & WEIGHT	
Dimensions (D × W × H)	450 × 260 × 120 mm
Weight	LCD model: 5.1 kg; analogue model: 4.5 kg
ENVIRONMENT	
Ambient Conditions	5 to 40°C, up to 80% RH
Protection Class	IP21

PROBLEMS THE MASTER SCIENCE TUBE ROLLER MIXER SOLVES	
Clotted blood samples	Continuous gentle rolling keeps blood mixed.
Foaming from vigorous mixing	Slow rolling avoids bubbles and shear.
Manual inversion fatigue	Hands-free mixing for many tubes at once.
Inconsistent mixing time	The LCD model's timer standardises each run.

Applications

The Master Science Tube Roller Mixer is used for
Mixing blood samples and preventing coagulation Haematology and blood bank laboratories Immunoprecipitation Mixing viscous liquids and suspensions Clinical and research laboratories

Mixing Motion

- Rocking and rolling action
- 24 mm amplitude
- Six rollers, 280 mm long
- 4 kg maximum load

LCD Digital Model

- LCD display of speed and time
- 10 to 70 rpm
- Continuous or timer operation, 1 to 1199 min

Analogue Model

- Dial speed control 0 to 70 rpm with scale
- Continuous operation

Standard Accessories Included

- Tube roller mixer main unit