Digital Roller Mixer - Forward/Reverse Tube Roller - 20-99 rpm - 6 Rollers, 25 mm Amplitude

Model **MSRMX-TR-SIISWISS** | Brand **Master Science**







The Master Science Digital Roller Mixer is designed for mild mixing and for keeping biological samples in suspension. Typical uses include preventing blood coagulation, latex agglutination diagnostics and immunoprecipitation.

KEY HIGHLIGHTS

- Even, gentle mixing
- Forward/reverse rotation
- Long, timed runs
- Digital control

AT A GLANCE

20 to 99 rpm SPEED RANGE	**15 W** POWER
1 min to 99 h 59 min, or continuous TIMER	

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Overview

Six 280 mm rollers rotate at 20 to 99 rpm with a combined rolling and swinging motion of 25 mm amplitude, carrying up to 4 kg. Digital displays show speed and time, and the Master Science Digital Roller Mixer can automatically switch between forward and reverse rotation at intervals from 30 seconds to 99 minutes 59 seconds for even more uniform mixing.

Samples that settle or clot can ruin results. The Master Science Digital Roller Mixer helps with:

Key Benefits

Even, gentle mixing
Rolling plus swinging keeps cells and particles suspended.

Forward/reverse rotation
Periodic direction change improves uniformity.

Long, timed runs
Timer up to 99 h 59 min or continuous operation.

Digital control
Clear LED readout of speed and time.

For a simpler model with 24 mm amplitude, see the tube roller mixer.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSRMX-TR-SIISWISS
SKU	MSRMX-TR-SIISWISS
Brand	Master Science
Model	MSRMX-TR-SIISWISS
SKU	MSRMX-TR-SIISWISS
Speed Range	**20 to 99 rpm**
Motion	Rolling and swinging
Amplitude	25 mm
Timer	1 min to 99 h 59 min, or continuous
Forward/Reverse	Yes, interval 30 s to 99 min 59 s
Number of Rollers	6
Roller Length	280 mm
General	Max. Load: 4 kg

POWER	
Power	15 W
Voltage	AC 100-240 V, 50/60 Hz

DIMENSIONS & WEIGHT	
Dimensions	480 × 250 × 100 mm
Weight	3.8 kg

PROBLEMS THE MASTER SCIENCE DIGITAL ROLLER MIXER SOLVES	
Sedimentation in tubes	Continuous rolling keeps particles suspended.
Uneven mixing in one direction	Automatic forward/reverse rotation mixes more uniformly.
Unattended long runs	The timer runs up to 99 hours or continuously.
Over-vigorous mixing	Low speeds from 20 rpm protect delicate samples.

Applications

The Master Science Digital Roller Mixer is used for

Preventing coagulation in blood samples Latex agglutination diagnostics Immunoprecipitation Keeping cell and particle suspensions homogeneous Clinical, haematology and research laboratories

Mixing

- Rolling and swinging motion, 25 mm amplitude
- 20 to 99 rpm
- Six 280 mm rollers, 4 kg load

Control

- Digital speed and time displays
- Timer 1 min to 99 h 59 min or continuous
- Forward/reverse with adjustable interval

Design

- Low-profile body, 100 mm high
- Wide 100-240 V input

Standard Accessories Included

- Roller mixer main unit