Laboratory Sieve Shaker - Vibratory Test Sieve Shaker - 200 mm - 0.025-50 mm

Model **MSTS-200SWISS** | Brand **Master Science**





The Master Science Laboratory Sieve Shaker separates powders, granules and slurries into size fractions using standard 200 mm test sieves. A vibration motor shakes the base, and particles smaller than each mesh pass down through the stack until every sieve holds a single size range.

KEY HIGHLIGHTS

- Several fractions in one run
- Repeatable results
- Quiet bench operation
- No fixing needed
- Simple to move

AT A GLANCE

0.125 kW MOTOR POWER	**0.025 to 50 mm** SIEVE MESH RANGE
Automatic shut-off at set time TIMER	**Up to 8 layers including bottom pan** SIEVE CAPACITY

Request a Quotation
Contact us for pricing, configuration options and delivery details.

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Overview

It is used for screening, grading, particle size analysis and checking foreign matter in food, pharmaceutical, chemical, mining, metallurgy, geology and ceramics laboratories.

Key Benefits

Several fractions in one run
the Master Science Laboratory Sieve Shaker splits a sample into 2 to 7 size ranges.

Repeatable results
fixed frequency and timed runs.

Quiet bench operation
below 50 dB.

No fixing needed
stands freely on a bench.

Simple to move
compact and light for its class.

For larger 300 mm sieves, browse the Master Science laboratory instrument range.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSTS-200SWISS
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Sieve Diameter	Up to Ø200 mm
Sieve Mesh Range	**0.025 to 50 mm**
Sieve Capacity	**Up to 8 layers including bottom pan**
Vibration Source	Vibration motor
Vibration Amplitude	0 to 3 mm
Noise	< 50 dB
Timer	Automatic shut-off at set time

POWER	
Motor Power	0.125 kW
Vibration Frequency	1440 per minute
Power Supply	220 V, 50 Hz

DIMENSIONS & WEIGHT	
External Dimensions (L × W × H)	400 × 300 × (300 + N × 50) mm, N = number of sieves
Weight	30 kg

COMMON LABORATORY PROBLEMS AND HOW THIS SHAKER HELPS	
Common Laboratory Problems and How This Shaker Helps	How the Master Science Laboratory Sieve Shaker improves sieve analysis:
Hand sieving is slow and inconsistent	motor-driven vibration gives the same motion every run.
Forgetting to stop the test	timer shuts the unit off.
Noise in shared labs	under 50 dB.
Only one fraction at a time	stack up to 8 sieves.

The Master Science Laboratory Sieve Shaker is used in

- **Particle size analysis of powders**
- **Aggregate and soil grading**
- **Food and pharmaceutical QC**
- **Abrasives, pigments and ceramics**
- **Mining, metallurgy and geology labs**

Sieving

- Up to 8 sieves of 200 mm
- Mesh from 0.025 to 50 mm
- Dry or wet sieving

Drive

- Vibration motor, 0.125 kW
- Adjustable amplitude 0 to 3 mm
- 1440 vibrations per minute

Operation

- Timer with automatic stop
- Low noise
- Free-standing

Optional Accessories

- Standard test sieves, Ø200 mm, various mesh sizes
- Bottom pan and lid