Test Sieve Shaker - Vibratory Laboratory Sieve Shaker - 300 mm - 8 Sieves

Model **MSTS-300SWISS** | Brand **Master Science**





The Master Science 300 mm Sieve Shaker takes test sieves up to 300 mm in diameter, giving a larger sieving area for bigger samples of aggregates, minerals, powders and granules. A 0.18 kW vibration motor moves the stack so each fraction collects on its own sieve.

KEY HIGHLIGHTS

- Bigger sample per test
- Up to 7 fractions at once
- Hands-free runs
- Comfortable to work beside
- Flexible mesh choice

AT A GLANCE

0.18 kW
MOTOR POWER

0.025 to 50 mm
SIEVE MESH RANGE

Timed automatic shutdown
TIMER

Up to 8 layers including bottom pan
SIEVE CAPACITY

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

support@themsci.com
www.themsci.com

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Overview

The machine stands on the bench without bolting, runs quietly and stops automatically when the set time ends.

Key Benefits

Bigger sample per test
the Master Science 300 mm Sieve Shaker accepts 300 mm sieves.

Up to 7 fractions at once
stack of 8 sieves.

Hands-free runs
timed automatic stop.

Comfortable to work beside
noise below 50 dB.

Flexible mesh choice
sieves selected to suit the material.

For 200 mm sieves, see the Master Science laboratory sieve shaker.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSTS-300SWISS
SKU	MSTS-300SWISS
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Model Number	MSTS-300SWISS
SKU	MSTS-300SWISS
Sieve Diameter	Up to Ø300 mm
Sieve Mesh Range	**0.025 to 50 mm**
Sieve Capacity	**Up to 8 layers including bottom pan**
Vibration Amplitude	0 to 3 mm
Noise	< 50 dB
Timer	Timed automatic shutdown

POWER	
Motor Power	0.18 kW
Vibration Frequency	1440 per minute
Power Supply	220 V, 50 Hz

DIMENSIONS & WEIGHT	
External Dimensions (L × W × H)	470 × 430 × (370 + N × 60) mm, N = number of sieves
Net / Gross Weight	40 kg / 45 kg
Package Dimensions	540 × 480 × 450 mm

HOW THE MASTER SCIENCE 300 MM SIEVE SHAKER HELPS WITH SIEVE TESTING	
Small sieves overload with coarse samples	300 mm sieves spread the load.
Operator-dependent results	fixed vibration and timer.
Unattended tests running too long	automatic stop.
Bolting machines to benches	free-standing design.

Use

- **Timer shut-off**
- **Free-standing bench design**
- **Low noise**

Applications

The Master Science 300 mm Sieve Shaker is used for
Construction aggregate grading Mineral and ore analysis Food powders and grains Chemical, pigment and abrasive QC Ceramics and metallurgy labs

Sieving

- Sieves up to Ø300 mm
- Mesh 0.025 to 50 mm
- Up to 8 layers

Drive

- 0.18 kW vibration motor
- 0 to 3 mm amplitude
- 1440 vibrations per minute

Optional Accessories

- Test sieves Ø300 mm in selected mesh sizes