Electromagnetic Sieve Shaker - 3D Laboratory Sieving Machine - 20 µm to 25 mm - Dry and Wet

Model **MSSIV-G2000SWISS** | Brand **Master Science**





The Master Science Electromagnetic Sieve Shaker separates solid particles and powders into size fractions quickly and repeatably. An electromagnetic drive produces a three-dimensional throwing motion that spreads the sample evenly over the whole sieve surface, while intermittent operation keeps the sieve openings from blocking.

KEY HIGHLIGHTS

- Fast, accurate results
- Clear sieves
- Dry or wet
- Quiet and maintenance-free
- For larger sieves, see our 300 mm test sieve shaker.

AT A GLANCE

400 W RATED POWER	**20 µm to 25 mm** MEASURING RANGE
220 V, 50/60 Hz POWER SUPPLY	

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

support@themsci.com
www.themsci.com

Scan to view online

Overview

It covers particle sizes from 20 µm to 25 mm, accepts 100, 150, 200 and 203 mm (8 inch) sieves, and handles up to 9 fractions and 3 kg of sample. Dry and wet sieving are both possible, and a 5-inch touch screen lets users preset and store parameters on the Master Science Electromagnetic Sieve Shaker, which runs quietly and needs no maintenance.

Manual or simple mechanical sieving is slow and hard to repeat. The Master Science Electromagnetic Sieve Shaker helps with:

Key Benefits

Fast, accurate results
3D electromagnetic motion distributes the sample evenly.

Clear sieves
Intermittent mode helps prevent blinding.

Dry or wet
Supports both dry and wet sieving.

Quiet and maintenance-free
Electromagnetic drive with no wearing parts.

For larger sieves, see our 300 mm test sieve shaker.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSSIV-G2000SWISS
SKU	MSSIV-G2000SWISS
Brand	Master Science
Model	MSSIV-G2000SWISS
SKU	MSSIV-G2000SWISS
Measuring Range	**20 µm to 25 mm**
Amplitude	0.2 to 3.0 mm, adjustable
Time Setting	1 to 99 min
Interval Operation	0 to 99 s
Drive	Electromagnetic, 3D motion
General	Max. Fractions: 9
Sieve Diameters	100 / 150 / 200 / 203 mm (8 in)
Stored Programs	20
General	Max. Feed: 3 kg
Display	5-inch touch screen

POWER	
Rated Power	400 W
Power Supply	220 V, 50/60 Hz

DIMENSIONS & WEIGHT	
Dimensions (W × D × H)	400 × 480 × 240 mm
Net Weight	43 kg

PROBLEMS THE MASTER SCIENCE ELECTROMAGNETIC SIEVE SHAKER SOLVES	
Inconsistent results	Digital parameters give repeatable sieving.
Blocked sieve meshes	Interval mode keeps openings clear.
Long sieving times	3D motion speeds up separation.
Noise and maintenance	Quiet, maintenance-free electromagnetic drive.

Applications

The Master Science Electromagnetic Sieve Shaker is used for
Sand, rock, clay and soil grading Granite, feldspar and coal analysis Grain and seed sizing Powder and granule quality control Inorganic and organic solid particle analysis

Drive

- Electromagnetic drive
- Three-dimensional throwing motion
- Amplitude 0.2 to 3.0 mm
- Intermittent operation

Control

- 5-inch touch screen
- Digital presetting of all parameters
- 20 storable parameter sets
- PC connection with sieving software for data evaluation

Capacity

- Up to 9 fractions
- Sieves Ø100 to 203 mm
- Maximum feed 3 kg

Standard Accessories Included

- Sieve shaker main unit

Optional Accessories

- PC sieving software