Jar Test Flocculator - Flocculation Tester - 4 or 6 Place - 10-450 rpm

Model **MSFT-M4ASWISS, MSFT-M6ASWISS, MSFT-M4CSWISS, MSFT-M6CSWISS** | Brand **Master Science**











The Master Science Jar Test Flocculator reproduces coagulation and flocculation in a row of beakers, so the right coagulant and dose can be chosen before treating water at full scale. Stainless steel paddles stir each beaker at the same speed, from 10 to 450 rpm, under a digital timer.

KEY HIGHLIGHTS

- Better dosing decisions
- Quiet, steady stirring
- Corrosion-free paddles
- Easy beaker handling
- Choice of control

AT A GLANCE

10 to 450 rpm	Digital
SPEED RANGE	SPEED DISPLAY

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

support@themsci.com
www.themsci.com

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Overview

Four models are offered: 4 or 6 stirring places, each with either one motor per paddle (asynchronous, independent speeds) or one motor driving all paddles together (synchronous).

For turbidity and pH checks after the jar test, browse the Master Science laboratory instrument range.

Key Benefits

Better dosing decisions
the Master Science Jar Test Flocculator compares coagulant doses side by side.

Quiet, steady stirring
permanent magnet DC motors with high torque.

Corrosion-free paddles
stainless steel construction.

Easy beaker handling
adjustable lifting platform.

Choice of control
independent or linked paddle speeds.

Technical Specifications

GENERAL	
Brand	Master Science
Model Number	MSFT-M4ASWISS, MSFT-M6ASWISS, MSFT-M4CSWISS, MSFT-M6CSWISS
SKU	MSFT-M4ASWISS, MSFT-M6ASWISS, MSFT-M4CSWISS, MSFT-M6CSWISS
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SKU	MSFT-M4ASWISS, MSFT-M6ASWISS, MSFT-M4CSWISS, MSFT-M6CSWISS
Drive Type	Asynchronous (4A, 6A); synchronous (4C, 6C)
Stirring Places	4 (4A, 4C); 6 (6A, 6C)
Motor Arrangement	**One motor per paddle (4A, 6A); one motor for all paddles (4C, 6C)**
Motor Type	Permanent magnet DC
Speed Range	**10 to 450 rpm**
Timer	0 to 999 min
Paddles	Stainless steel
Lifting Platform	Adjustable
Speed Display	Digital

POWER	
Motor Power	100 W × 4 (4A); 100 W × 6 (6A); 260 W (4C, 6C)
Power Supply	220 V, 50 Hz

COMMON LABORATORY PROBLEMS AND HOW THIS FLOCCULATOR HELPS	
Common Laboratory Problems and How This Flocculator Helps	How the Master Science Jar Test Flocculator helps with treatment trials:
Overdosing coagulant	side-by-side jar tests find the optimum dose.
Inconsistent hand stirring	motor-driven paddles at set rpm.
Rusting paddles	stainless steel construction.
Timing by stopwatch	built-in digital timer.

Applications

The Master Science Jar Test Flocculator is used by

Drinking water and wastewater treatment plants Environmental protection agencies Universities and research institutes Public health laboratories Pharmaceutical, metallurgical, chemical and food industries

Stirring

- 4 or 6 positions
- 10 to 450 rpm
- Stainless steel paddles

Drive

- Permanent magnet DC motors
- Individual or common drive
- Built for continuous use

Operation

- Digital speed display
- Timer to 999 min
- Adjustable lifting platform