

## MM-1000, Overhead Stirrer Multi Mixer

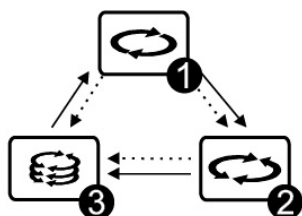


### DESCRIPTION

Overhead Stirrer Multi Mixer **MM-1000** is designed for stirring liquids up to 20 litres. Quiet and reliable mixer that can provide stable continuous mixing up to 7 daynights. It can realize three types of motion:

1. Rotational
2. Reciprocal
3. Vibration

**MM-1000** performs separate (mono-) (1; 2; 3), consecutive binary cycles (c) (1-2) × c; (1-3) × c and (2-3) × c and complex tri-cycles (1-2-3) × c.



Speed, angle and time of stirrer rotation is under microprocessor control.

Multi-mixer can be used for stirring solutions up to the "medium viscosity" range (from 1,000 to 10,000 mPa.s). It is an ideal instrument for biotechnology, organic synthesis, analytical laboratories.

The innovative combination of three motion types provides high level of homogeneity due to consecutive combination of laminar and turbulent flows that cause substances to dissolve faster.

Electrically safe and energy efficient — powered by 12 V external power supply.



### SPECIFICATION

1) Rotation	->
Speed control range	40-1000 rpm
Time	0-250 s
2) Reciprocal motion	->
Turning angle	0°-360° (increment 30°)
Time	0-250 sec
3) Vibro motion	->
Turning angle	0°-5° (increment 1°)
Time	0-5 s
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Stirring volume up to (water)	20 l
Digital time setting	1 min-96 hrs / non-stop (increment 1 min)
Overall dimensions (W×D×H)	140x135x250 mm

### CAT. NR.

	MM-1000 without stirrers incl. external power supply unit
BS-010306-AAH	230VAC 50/60Hz Euro plug
BS-010306-AAK	230VAC 50/60Hz UK plug
BS-010306-AAK	230VAC 50/60Hz AU plug
BS-010306-AAK	100VAC 50/60Hz US plug
BS-010306-AAK	120VAC 60Hz US plug
-----	<b>Optional accessories</b>
BS-010306-AK	MP-1
BS-010306-BK	MP-2
BS-010306-CK	MP-3
BS-010306-DK	MA-1
BS-010306-EK	MC-1

## MM-1000, Overhead Stirrer Multi Mixer



Weight	2.4 kg
Input current/power consumption	12 V, 700 mA / 8.4 W
External power supply	Input AC 100-240 V; 50/60 Hz; Output DC 12 V

VELA00001301	Double clamp
VELA00001300	Support rod and base
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BS-010306-FK	IQ OQ document
BS-010306-GK	PQ document

### ACCESSORIES



**MP-1**  
Paddle stirrer (70 x 70 mm)



**MP-2**  
Propeller stirrer 2 folded blades (ø 60mm)



**MP-3**  
Propeller stirrer 3 folded blades (ø 50mm)



**MA-1**  
Anchor stirrer (ø. 90 mm, height 48 mm)

## MM-1000, Overhead Stirrer Multi Mixer



**MC-1**  
Centrifugal stirrer (ø 60 mm)



**Double clamp**



**Rod and base**