

# MM-1000, Overhead Stirrer Multi Mixer

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** perform separate (mono-) (1; 2; 3), consecutive binary cycles (c)  $(1-2) \times c$ ;  $(1-3) \times c$  and  $(2-3) \times c$  and complex tri-cycles  $(1-2-3) \times c$ .

Speed, angle and time of stirrer rotation is under micro-processor 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 external AC / AC power supply (220V / 12V, 1 A).

## Specifications of movement types:

### 1 Rotation:

Speed regulation range	40–1000 rpm
Time	0–250 sec

### 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 sec

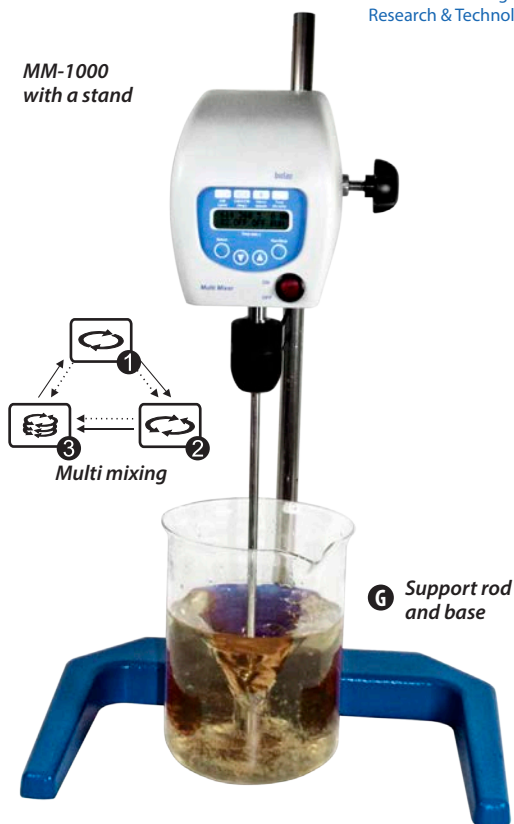
## General Specifications:

General timer of device operation	1 min – 96 hrs (increment 1 min)
Overall dimensions (W×D×H)	135×400×250 mm
Weight, not more	2.5 kg
Input current/power consumption	12V, 700 mA / 8.4 W
External power supply	Input AC 100–240 V 50/60 Hz, Output AC 12 V

## Catalogue number:

<b>MM-1000</b>	BS-010306-AAH
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**MM-1000  
with a stand**



Accessories for Multi Mixer MM-1000:			
Accessory	Type	Dimensions	Catalogue number:
<b>A</b> MP-1	Paddle stirrer	(70 × 70 mm)	BS-010306-AK
<b>B</b> MP-2	Propeller stirrer	2 folding blades (Ø 60 mm)	BS-010306-BK
<b>C</b> MP-3	Propeller stirrer	3 folding blades (Ø 50 mm)	BS-010306-CK
<b>D</b> MA-1	Anchor stirrer	(Ø 90 mm, height 48 mm)	BS-010306-DK
<b>E</b> MC-1	Centrifugal stirrer	(Ø 50 mm)	BS-010306-EK
<b>F</b> Double clamp	—	—	VELA00001301
<b>G</b> Rod and base (page 64)	—	—	VELA00001300

**A** MP-1



**B** MP-2



**C** MP-3



**D** MA-1



**E** MC-1



**F** Double clamp

