

# 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 days. 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)  $(1-2) \times c$ ;  $(1-3) \times c$  and  $(2-3) \times c$  and complex tri-cycles  $(1-2-3) \times c$ .

Speed, angle and time of stirrer rotation is under 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.



## SPECIFICATIONS

Rotation - Speed control range	40–1000 rpm
Rotation - Time	0–250 s
Reciprocal motion - Turning angle	0°–360° (increment 30°)
Reciprocal motion - Time	0–250 s
Vibro motion - Turning angle	0°–5° (increment 1°)
Vibro motion - Time	0–5 s
Timer sound signal	+
Max. stirring volume (water)	20 litres
Digital time setting	1 min–96 hrs / non-stop (increment 1 min)
Overall dimensions (W×D×H)	140x135x250 mm
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

## CAT. NUMBER

Without stirrer	Without stirrer, stand, double clamp
BS-010306-AAH	230VAC 50/60Hz Euro plug
BS-010306-AAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010306-FK	IQ OQ document
BS-010306-GK	PQ document



**MP-1**  
BS-010306-AK

Paddle stirrer (70 x 70 mm)



**MP-2**  
BS-010306-BK

Propeller stirrer 2 folded blades  
( $\varnothing$  60mm)



**MP-3**  
BS-010306-CK

Propeller stirrer 3 folded blades  
( $\varnothing$  50mm)



**MA-1**  
BS-010306-DK

Anchor stirrer ( $\varnothing$ . 90 mm, height  
48 mm)



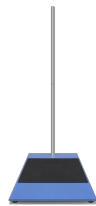
**MC-1**  
BS-010306-EK

Centrifugal stirrer ( $\varnothing$  60 mm)



**Double clamp for MM-1000**  
BS-010306-LK

For device mounting



**SRB**  
BS-010306-KK  
Support rod and base

Support rod and base for  
device mounting