

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) $(1-2) \times c$; $(1-3) \times c$ 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
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
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
BS-010306-AAH	230VAC 50/60Hz Euro plug
BS-010306-AAK	230VAC 50/60Hz UK plug, 230VAC 50/60Hz AU plug, 100VAC 50/60Hz US plug, 120VAC 60Hz US plug
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
VELA00001301

For device mounting



Rod and base
VELA00001300

For device mounting