

Multi Mixer MM-1000 Overhead Stirrer

Description

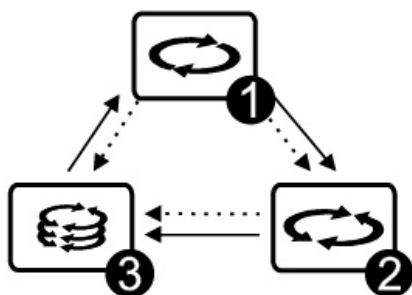
The MM-1000 multi-mixer is designed to mix liquids up to 20 litres in volume. A quiet and reliable mixer that provides stable, continuous mixing for up to seven full days.

The following stirring movements are possible:

- Rotational
- Reciprocal
- Vibration

Specifications

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.



Mixing process

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

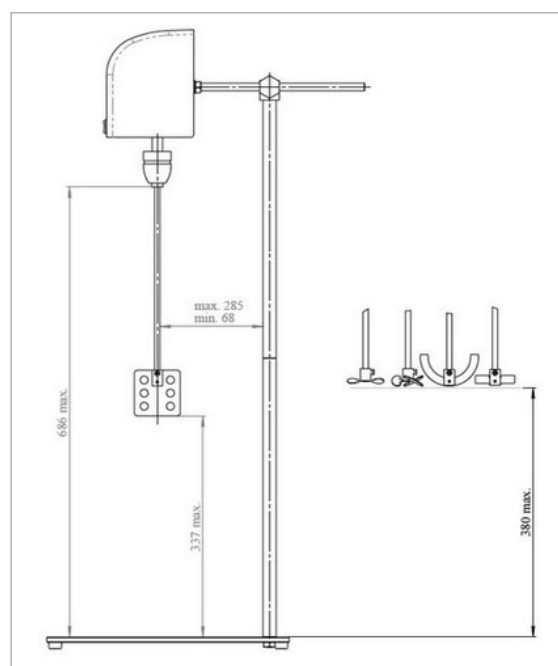
Multi-mixer can be used for stirring solutions up to the "medium viscosity" range (from 1,000 to 10,000 mPa.s). It is an ideal instrument for biotechnology, organic synthesis, analytical laboratories.

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.



MM-1000 with stand



Multi Mixer MM-1000

General Technical Data

Order No. (basic unit)	105.0040
Stirring volume	up to 20 l (water)
Digital time setting	1 min - 96 h non-stop (increment 1 min)
Overall dimensions (W x D x H)	140 x 135 x 250 mm
Weight	2.4 kg
Input current / power consumption	12 V, 700 mA / 8.4 W
External power supply	Input AC 230 V, 50/60 Hz, Output DC 12 V



Stirrer MM-1000

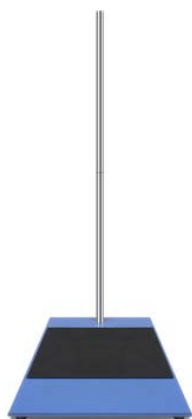
Technical Data Stirrer

Rotation	
Speed control range	40 – 1.000 rpm
Time	0 – 250 s
Reciprocal motion	
Turning angle	0° – 360° (increment 30°)
Time	0 – 250 s
Vibro motion	
Turning angle	0° – 5° (increment 1°)
Time	0 – 5 s

Multi Mixer MM-1000



Optional Accessories



Stand SRB

Support rod and base for device mounting

Dimensions:

250 × 370 × 870 mm

Order No.: 105.0046



Double Clamp

For device mounting on the stand SRB

Order No.: 105.0047



MP-1

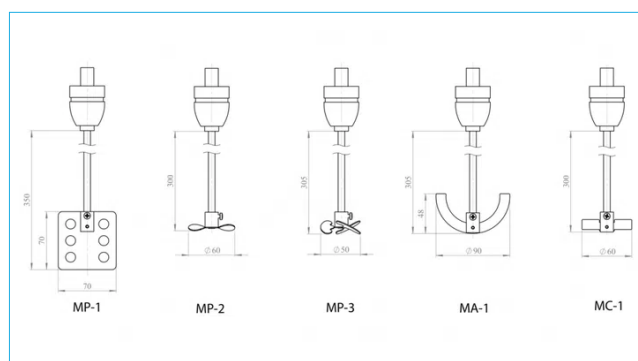
Paddle stirrer

Dimensions:

378 × (70 × 70) × 8 mm

Order No.: 105.0044

Overview of the stirring adapters



MP-2

Propeller stirrer with 2 folded blades (ø 60 mm)

Dimensions:

326 × 55 × 8 mm



MA-1

Anchor stirrer
ø 90 mm, height 48 mm
332 × 90 × 8 mm

Order No.: 105.0041



MP-3

Propeller stirrer 3 folded blades (ø 50 mm)

Dimensions:

325 × 50 × 8 mm

Order No.: 105.0043



MC-1

Centrifugal stirrer
(ø 60 mm)

Dimensions:

358 × 60 (110) × 8 mm