

## MR-1, Mini Rocker-Shaker

### DESCRIPTION

Mini Rocker-Shaker **MR-1** provides regulated gentle rocking motion of the platform and is ideal for mini gel destaining after electrophoresis, conducting Northern, Southern and Western blot analysis.

Shaker is a compact, noiseless device designed for personal use. The use of direct drive and brushless motor allows continuous mixing up to 7 days and ensures reliable, trouble-free operation for more than 2 years.

Non-slip, temperature resistant, silicone mat located on the rocker's platform provides stable position for vessels during shaking. Optional dimpled PDM mat fixes tubes of different sizes.

The unit is designed for operation in cold rooms, incubators (excluding CO<sub>2</sub> incubators) and closed laboratory rooms at ambient temperature from +4°C to +40°C in a non-condensing atmosphere and maximum relative humidity 80% for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°C.

#### ACCESSORIES FOR THE STANDARD PLATFORM:

Optional dimpled mat **PDM** prevents different size tubes from rolling around the platform

### Basic Plus Product Class



Rocking uni-rotation



Product video is available on the website

## MR-12, Rocker-Shaker

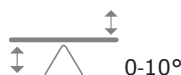
### DESCRIPTION

**MR-12** Rocker-Shaker provides both soft and intensive mixing of solutions or nutrient media in vessels or plastic bags placed on the platform. Adjustable speed and platform tilt angle allows setting parameters for optimal solution transfer and mixing.

The device is ideal for gel destaining after electrophoresis and homogenisation of bioextraction media. It is optimal for biomolecule hybridization on strips and for staining/destaining procedures. When installed inside a bioincubator it is ideal for growing cells and cell cultures in disposable plastic reactor-bags (working volumes up to 10 liters, media volumes up to 5 liters).

The unit is designed for operation in cold rooms, incubators (excluding CO<sub>2</sub> incubators) and closed laboratory rooms at ambient temperature from +4°C to +40°C in a non-condensing atmosphere and maximum relative humidity 80% for temperatures up to 31°C decreasing linearly to 50% relative humidity at 40°C. Low voltage external power supply (12 V) provides electrical safety in humid environment.

### Premium Product Class




Rocking uni-rotation with adjustable tilt

# MR-1 and MR-12, Rocker-Shakers

SPECIFICATIONS

	MR-1	MR-12
Mixing frequency range	5–30 oscill/min	1–99 oscill/min (increment 1 oscill/min)
Fixed tilt angle	7° (fixed)	0°–10° (increment 1°)(for 1–50 oscill/min.) 10° (for 51-99 oscil/min.)
Max. continuous operation time	168 hrs	
Digital time setting	1 min–24 hrs / non-stop	1 min–99 hrs 59 min (increment 1 min) / non-stop
Non-slip silicone mat is supplied as standard	215 × 215 mm	480 × 380 mm
Maximum load	1 kg	5 kg
Display	LED	LCD, 16 × 2 signs
Platform working area	215 × 215 mm	480 × 380 mm
Overall dimensions (W × D × H)	220 × 205 × 120 mm	430 × 480 × 210 mm
Weight	2.1 kg	11.9 kg
Input current/power consumption	12 V, 320 mA/3.8 W	12 V, 1.1 A/13 W
External power supply	Input AC 100–240 V, 50/60 Hz; Output DC 12 V	

### ORDERING INFORMATION:

Cat. number 

**MR-1** with standard platform **Bio PP-45**

BS-010152-AAG

**MR-12** with standard platform **PP-480**

BS-010130-AAI

### Optional accessories: for MR-1:

**PDM**, dimpled mat

PDM

PDM, dimpled mat



MR-1 with PDM dimpled mat



MR-12

