

# 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).

Rocker-Shaker can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C. Low voltage external power supply (12 V) provides electrical safety in humid environment.

## SPECIFICATIONS

Mixing frequency range	1–99 oscill/min (increment 1 oscill/min)
Digital time setting	1 min–99 hrs 59 min (increment 1 min) / non-stop
Timer sound signal	+
Tilt angle range (for 1–50 oscill/min)	0°–10° (increment 1°)
Fixed tilt angle (for 51–99 oscill/min)	10°
Maximum continuous operation time	168 h
Display	LCD, 16 x 2 signs
Maximum load	5 kg
Platform working area	480 x 380 mm
Overall dimensions (W×D×H)	430 × 480 × 210 mm
Weight	11.9 kg
Input current/power consumption	12 V, 1.1 A / 13 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V



## CAT. NUMBER

<b>BS-010130-AAI</b>	230VAC 50/60Hz Euro plug
<b>BS-010130-AAQ</b>	230VAC 50/60Hz UK plug
<b>BS-010130-AA4</b>	230VAC 50/60Hz AU plug
<b>BS-010130-AAJ</b>	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
<b>BS-010130-BK</b>	IQ OQ document
<b>BS-010130-CK</b>	PQ document

# 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.

Shaker can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C

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



## SPECIFICATIONS

Mixing frequency range	1–30 oscill/min
Digital time setting	1 min–24 hrs / non-stop
Fixed tilt angle	7°
Direct drive mechanism	+
Maximum continuous operation time	168 h
Display	LED
Maximum load	1 kg
Non-slip silicone mat is supplied as standard	+
Platform working area	215x215 mm
Overall dimensions (WxDxH)	220x205x120 mm
Weight	2.1 kg
Input current/power consumption	12 V, 320 mA / 3.8 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

## CAT. NUMBER

<b>BS-010152-AAG</b>	230VAC 50/60Hz Euro plug
<b>BS-010152-AAK</b>	100–240VAC 50/60Hz Multi plug (EU, UK, AU, US)
<b>BS-010107-BK</b>	IQ OQ document
<b>BS-010107-CK</b>	PQ document



PDM  
PDM  
dimpled mat

Dimpled mat PDM prevents different size tubes from rolling around the platform.