

rockers and shakers

- ORBITAL, RECIPROCAL & ROCKING MODELS WITH 30x30CM SHAKING-PLATFORM & NON-SLIP RUBBER MAT
- 2-D/3-D SHAKER ACCOMMODATES OPTIONAL HYBRIDISATION WATER BATH
- ADDITIONAL PLATFORMS DOUBLE CAPACITY
- DIMPLED MAT SUPPORTS 1.5ML, 15ML AND 50ML TUBES



MS-NOR; MS-NRC; MS-NRK

- THE PERFECT SPEED AND TILT FOR BLOTTING AND GEL STAINING
- THREE-DIMENSIONAL MOTION
- DESIGNED FOR USE WITH BLOT BOXES

Technical Specifications

SPEED	18RPM (115V) / 20 RPM (230V)
MOTION	3-D, ROTATING
TILT ANGLE	5°
PLATFORM SIZE (WxD)	20x16.5cm
AMBIENT OPERATING RANGE	4-65°
DIMENSION (WxDxH)	20.3x17.8x10.5cm
WEIGHT	0.88kg
ELECTRICAL	115/230V 50/60Hz

ORDERING INFORMATION

MS-NOR	Orbital Shaker with 30 x 30cm platform and non slip rubber mat		
MS-NRC	Reciprocal Shaker with 30 x 30cm platform and flat non slip rubber mat		
MS-NRK	Rocking Shaker with 30 x 30cm platform and flat non slip rubber mat		
CW-23	Combination 3-D shaker with 3-D shaking and rocking for maximal fluid movement; includes 33 x 33cm platform and flat non slip rubber mat		
MW-WB	Hybridisation Water Bath (ambient to 95°C) for use with CW-23		
3DSHAKER	MiniMix 3D Shaker with 20x16.5cm tray and non-slip rubber mat		
BB9X6	Gel/Blot box, 9.1 x 6.6cm, 3-5ml capacity, 10/pack	BB12X12	Gel/Blot box, 12 x 12cm, 1/pack
BB11X8	Gel/Blot box, 11.7 x 8.9cm, 6-10ml capacity, 10/pack	BB20X16.5	Gel/Blot box, 20 x 16.5cm, 1/pack

Four different models of rockers and shakers are available, with each offering benefits that include: outstanding uniform motion and low noise; microprocessor based keypads with digital control and display of preset time, continuous time, action scale and speed; and high quality stainless steel platforms with pop-on / pop-off installation holes to secure samples. All models are lightweight and portable for easy transportation from the bench to incubator and cold room alike, while additional platforms may be added for increased capacity.



CW-23

Technical Specifications

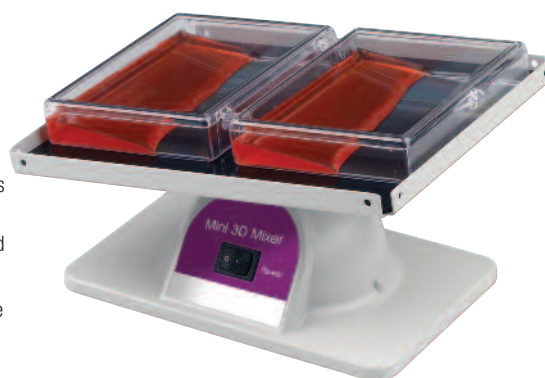
Cat. No.	MS-NOR	MS-NRC	MS-NRK	CW-23
Motion	Orbital, single direction or alternating, bi-directional clockwise & anticlockwise shaking	Linear, Reciprocating	Rocking	2-D or 3-D Combi
Application	aeration of samples, 0.5 to 5ml in volume, within multi-well plates, standard dishes and petri dishes	incubation of western blots and initial mixing of reagents	prevents gels and membranes from drying out during staining, blocking and antibody incubations	ideal for gentle, foam-free washing of delicate cell lines within tissue culture
Stroke Length/Tilt Angle	20mm	19mm	12°	8°
Orbits/Shaking Cycle	0.1-10.0	-	-	-
Speed	0-200 rpm	5-100 rpm	5-100 rpm	5-100 rpm
Timer	1-9999 mins, 1 min increment	1-9999 mins, 1 min increment	1-9999 mins, 1 min increment	1-9999 mins, 1 min increment
Controller	Digital microprocessor	Digital microprocessor	Digital microprocessor	Digital microprocessor
Display	4 digital red LED	4 digital red LED	4 digital red LED	4 digital red LED
Operating Temperature	4-40°C	4-40°C	4-40°C	0-50°C
Carry Capacity	10 kg	15 kg	15 kg	15 kg
Optional Stacking Platform	Yes	Yes	Yes	Yes
Special Functions	2 way direction			Angle 0-25°
Platform Dimension	30 x 30cm	30 x 30cm	30 x 30cm	33 x 33cm
Operating Power	110 / 220V	110 / 220V	110 / 220V	110 / 220V
Weight	7 kg	7 kg	8 kg	10 kg

MINIMIX 3D SHAKER

MiniMix combines the motions of orbital shaking and rocking to produce a gentle, but thorough, 3-D action that is perfect for antibody incubation of western blots and staining gels.

The pitch and speed of MiniMix are optimised to generate a tilt angle that is large enough to ensure uniform distribution of solutions, yet small enough to prevent the centre of the blot from drying out. This has the added benefit of allowing users to work with minimal volumes, thus conserving valuable probes and antibodies.

A non-slip rubber mat keeps the boxes in place on the agitating platform, which, along with the housing, is very easy to clean and decontaminate after use. The MiniMix's compact and light weight design allows it to be moved around the lab where needed. It is also safe for use in an incubator or cold room for temperature controlled reactions.



Blot Boxes

These gel staining / blotting boxes are available in 4 sizes and are the ideal accessory for incubating blots or staining gels.