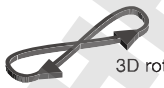
PS-3D fixed tilt 3D platform rotator

Variable speed, fixed angle 3D rocker-rotator in the Grant-bio range providing smooth orbital motion for mixing in commonly used vessels – culture flasks, dishes, boxes and tubes. Suitable for use in cold rooms and incubators.

- **Variable speed: 5 to 60rpm**
- **Fixed 7° tilt angle**
- **Loads up to 1kg**
- **Ambient operating temperature range +4°C to 40°C**



The gentle movement is ideal for staining gels without destroying the gel edges, or for keeping fragile tissue intact during incubations.

Smooth, reliable, extremely quiet motor; low power consumption.

Simple speed adjustment from 5 to 60rpm.

Robust direct drive mechanism provides enhanced reliability capable of 7 days continuous operation.

215 x 215mm platform accommodates most commonly used vessels. Smooth, non-slip mat supplied as standard.

Compact, sturdy construction with a low profile and small footprint – fits neatly into the smallest workspace.

Low voltage cord easily fits through door gaskets, allowing use in incubators, refrigerators and workstations. Safe with low energy consumption.

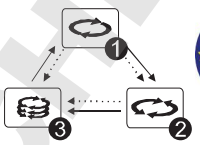
Applications:

- Education / research / clinical - mixing blood samples, minigel staining and destaining, washes, blotting, hybridisation

PS-M3D multi-function 3D rocker-rotator

Variable speed, fixed-angle, multi-function 3D rocker-rotator providing all that is required – rotation, reciprocation and vibration – to fully optimise the mixing of different sized particles in flasks, dishes, petri dishes and boxes.

- **3D rotation, reciprocation and vibration functions all in one product**
- **3D rotation speed: 1 to 100rpm**
- **Reciprocal 3D rotation: 1 to 360° turning angle**
- **Vibration: 1 to 5° turning angle, programmable in a burst of 1 to 5 seconds**
- **Fully programmable sequence of all functions**
- **Loads up to 1kg**



MADE IN EUROPE

2 year warranty

Smooth, non-slip mat supplied as standard – prevents vessels from slipping.

Compact, with a low profile and small footprint, extremely quiet in operation – fits neatly and unobtrusively into the workspace.

Very easy to operate, with simple set-up of multi-segment programs via push buttons and the 2-line LCD status display.

Low voltage cord easily fits through door gaskets, allowing use in incubators, refrigerators and workstations. Safe with low energy consumption.

All actions – rotation, reciprocation and vibration – can be set for continuous or timed operation, or linked together in different combinations to ensure optimum mixing conditions for your application.

Reliable stepper motor and sturdy construction will deliver years of consistent performance.

Ambient operating temperature range of 4°C to 40°C.

Applications:

- Education/clinical/research labs - suitable for mixing applications in many different fields, with specific applications including: immuno precipitations and other affinity matrix applications, treatment of adherent tissue culture in small volumes, e.g. for trypsinisation, gel staining and destaining, antibody staining, washes, hybridisations, Southern blots, Western blots, in situs

PS-3D and PS-M3D - Technical specifications

• = optional		PS-3D	PS-M3D
		Fixed tilt 3D platform	**Multi-function 3D**
		 h: 140mm d: 235mm w: 235mm weight: 1.2kg	 h: 140mm d: 235mm w: 235mm weight: 1.8kg
Speed	rpm	5 to 60	1 to 100
Tilt angle		7°	
Turning angle (reciprocation mode)		–	0 to 360° (increment 30°)
Rocking angle (vibration mode)		–	0 to 5° (increment 1°)
Orbit diameter	mm	–	22
Timer for orbital and reciprocation mode	sec	–	0 to 250
Timer for vibration mode	sec	–	0 to 5
Number of cycle repetitions		–	0 to 125
Maximum continuous operation time		168 hrs	24 hrs
Platform dimensions (working area)	mm	215 x 215	
Maximum load	kg	1	1
Display		–	2 x 16 character LCD
Operating temperature range	°C	4 to 40	
External power supply		Input AC 120-230V, 50/60Hz Output DC 12V	
Input voltage	V dc	12	
Power consumption	W	3.1 (0.26A)	4.6 (0.38A)

Accessories

PDM – dimpled mat		•	•