

## 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


## Rockers and rotators » PS-3D and PS-M3D » Models and specifications

## PS-3D and PS-M3D - Technical specifications

• = optional

		PS-3D	PS-M3D
		Fixed tilt 3D platform	Multi-function 3D
		 <p>h: 140mm d: 235mm w: 235mm weight: 1.2kg</p>	 <p>h: 140mm d: 235mm w: 235mm weight: 1.8kg</p>
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 	•	•
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