

Rotator, multi-function, 3D, PS-M3D

Grant bio

Suitable for mixing applications in many different fields with specific applications including: immunoprecipitations 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 situ.

- Variable speed, fixed angle, multi-function 3D rotator
- Multi-function: rotation, reciprocation, vibration
- Timed operation for each phase
- Smooth non-slip mat supplied as standard; optional dimpled mat also available
- Low voltage power supply enables safe cold room operation
- Can be used in a cold room or incubator
- Low energy consumption

The PS-M3D is extremely easy to operate, with very simple set-up of a multi-segment program, using the two line set-up and status display. Ideally sized for personal use, the PS-M3D multi-function rotator provides all that is required for thorough mixing in flasks, dishes, petri dishes and boxes.

All actions may be set for continuous or timed operation, and individual phases may be linked together for absolute operational flexibility: 3D orbital; 3D reciprocal; 3D vibration; 3D orbital and reciprocal; 3D orbital and vibration; 3D orbital and reciprocal and vibration; 3D reciprocal and vibration.

Small but highly functional, the stepper motor produces regulated and reproducible rotation throughout the speed range and, combined with the sturdy construction, will guarantee years of consistent operation.



Technical Specification

Angle, degree	7
Orbit diameter, mm	22
Speed, rpm	5 to 30 (orbital)
Timer, s	1 to 250 (orbital, reciprocal) 1 to 5 (vibration)
Turning angle, °	30 to 360 in 30° steps (reciprocal) 1 to 6, in bursts of 1s to 5s (vibration)
No. of cycles	1 to 125
Temperature range, °C	4 to 45
Load, max., kg	1
Area	215 x 215 (platform w x d)
Height, overall, mm	15
Inputs	12V, 12A, d.c.

Catalogue No	Legacy No	Alt. No	Description
12985501	-	PS-M3D	Multi-function 3D rotator

Accessories

Catalogue No	Legacy No	Alt. No	Description
11451038	-	PTP-26	Tube adapter for 26 tubes up to 11mm diameter
11441038	-	PDM	Dimpled mat, prevents tubes from rolling around

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