

Microplate shaker, PMS-1000

Grant



Compact microplate shaker which provides reliable and regulated shaking for 96- and 384-well microplates with easy set up and digital timer. Variable speed across a wide range may be adjusted to suit the application: A low speed ensures that the well contents are not ejected, more vigorous agitation provides effective aeration across the small surface area of each of the wells. Simple screw attachments allow quick and easy fitting of any standard depth plates, holding the plates securely in place. Ideal for use in immunology, biotechnology, microbiology and pharmacology applications.



- Integral timer, 1 min to 24 h, with automatic switch-off
- Low voltage power supply and low energy consumption
- Can be used at 4 to 40 °C (80% relative humidity, non-condensing), in an incubator or cold room

Complies with IEC61010 parts one and two

Speed (min ⁻¹)	150 - 1000
Orbit (mm)	2.0
Number of microplates held	2 (or 4 with optional platform)
Power	External power supply: 12 V, 500 mA
WxDxH (mm)	220x205x90
Weight (kg)	2.5

Delivery information: Supplied with platform for two microplates, optional four microplate platform is available separately.

Description	Pk	Cat. No.
PMS-1000 microplate shaker	1	444-0041

Accessories		
Description	Pk	Cat. No.
Platform to accommodate 4 microtitre plates	1	444-0333

Microplate shaker, mini, SSM5

Stuart



Designed for use with microtitre plates and microcentrifuge tubes. The aluminium tray is fitted with a specially designed mat that securely holds up to four microwell plates in place. High speed combined with a tiny orbit creates the vibrational shaking action required for mixing the very small volumes contained in the wells or in microcentrifuge tubes. Speed and time are easily set via the digital display.



- Digital selection of mixing speed and time
- Digital timer with alarm allows a process time in hours, minutes or seconds or continuous mode
- Ideal for use under controlled conditions, can be used at 4 to 40 °C, in an incubator or CO₂ incubator
- BioCote® antimicrobial protection

IP protection class according to DIN EN 60529: IP 31

Speed (min ⁻¹)	250 - 1250
Speed accuracy (%)	2
Orbit (mm)	1.5
Number of microplates held	4
Max. load (kg)	1.0
Power (W)	50
WxDxH (mm)	240x300x160
Weight (kg)	5

Ordering information: Tube holders are available as optional accessories. Two tube holders can be used at any one time, fit securely onto the platform turning the unit into an effective tube mixer.

Description	Pk	Cat. No.
SSM5 microplate shaker	1	444-0120

Accessories			
Description	For	Pk	Cat. No.
Tube holder	1.5 / 2.0 ml microcentrifuge tubes	1	444-0191
	0.5 ml microcentrifuge tubes	1	444-0192
	0.2 ml tubes	1	444-0714