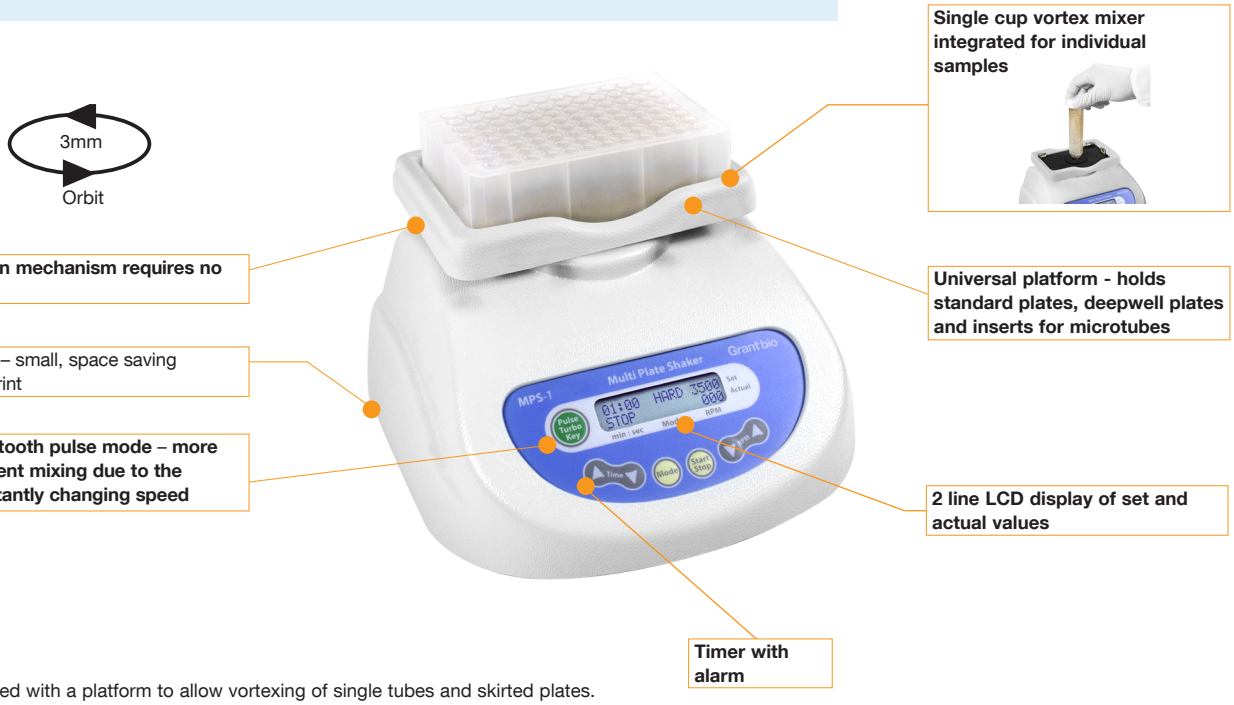
MPS-1 high speed shaker/vortex mixer for plates and microtubes

An economical solution that takes up very little bench space, for all high-speed shaking and vortex mixing of plates and tubes from 0.2ml through to 50ml all-in-one. Efficient mixing of difficult samples - compact pellets, small or viscous samples.

2 year warranty

- **Versatile for single tube vortex to shaking of microplates, PCR plates, microtubes and deepwell plates**
- **Mixing of 0.2ml to 50ml microtubes at high speed**
- **Saw-tooth pulse mode**
- **Very small footprint**
- **Safe in humid environments due to low voltage 12V power supply**
- **Quiet < 50dBA**
- **Can be used at temperatures from +4°C to 40°C**
- **Adjustable rpm or 4 presets**
- **Grant renowned technical and service support**



Supplied with a platform to allow vortexing of single tubes and skirted plates.

Additional inserts for microtubes available.

Markets:
- Education, research, QC, QA, R&D, Biopharm and healthcare

Applications:
- Life science applications, molecular biology, cell biology, cell lysis, DNA isolation and purification, sample preparation for PCR, pellent re-suspension, mixing viscous liquids, multiple microtube mixing

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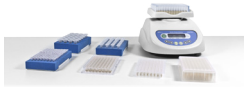
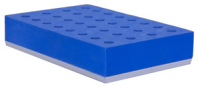
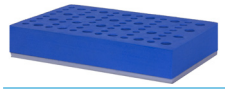
MPS-1 specifications

		High-speed mixer shaker/vortex
		MPS-1
		4.7 kg h: 150 mm d: 220 mm w: 234 mm
Mixing speed control range	rpm	300 - 3200
Speed control increment	rpm	100
Mixing presets VORTEX HARD MEDIUM SOFT CUSTOM PULSE MODE	rpm	 3200 2600 1800 1000 Adjustable Saw tooth profile of ramp speed cycles
Mixing orbit	mm	3
Acceleration time	sec	5
Timer, with audible alarm	min	1 to 60 min / non-stop
Operating temperature	°C	+4 to 40
Maximum noise	dBA	50
Input current / power consumption		Low voltage 12V, 800mA / 10W
Types of vessels		Microplate U, V or flat bottom PCR plate 96 or 384 well fully / semi / unskirted Deepwell plate 250µl to 2000µl Microtubes 0.2, 0.5, 1.5, 2.0ml 0.2ml strips Tubes 2 to 50ml

Accessories

	**MPS-1K kit contains:** MPS-1 with 4 additional inserts shown below	
	P-2-24 Microtube insert for 24 x 1.5/2.0ml tubes	●
	**P-05-32** Microtube insert 32 x 0.5ml tubes	●
	**P-02-05** Microtube insert for 24 x 0.5ml PLUS 48 x 0.2ml tubes or 8 x 0.2ml strips	●
	P-02-96 Microtube insert for 96 x 0.2ml tubes or 12 x 0.2ml strips or 96 well semi / unskirted PCR plates	●

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