

Shakers, mixers and stirrers » PSU-10i orbital shaking platform



PSU-10i orbital shaking platform

Microprocessor controlled shaking platform providing smooth and quiet horizontal orbital motion for mixing in bottles, flasks and beakers.

- Variable shaking speed: 50 to 450 rpm
- Reliable direct drive system
- Automatic load balancing system
- Continuous or timed operation with automatic switch-off
- Interchangeable platforms for use with a variety of vessels
- Simple to set up and easy to operate
- Loads up to 3.0 kg




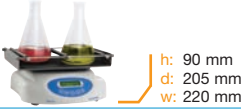
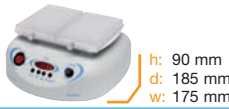
Optional accessory platforms for PSU-10i

Enable a wide range of vessels to be accommodated – bottles, flasks, beakers, dishes, boxes and Petri dishes





Shakers, mixers and stirrers » Models and specifications

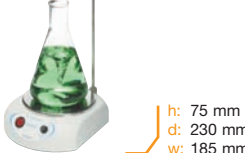
Shakers – models and specifications

		Multi platform shaker	Shaking platform	Microplate shaker
		PSU-20i	PSU-10i	PMS-1000
				
		h: 130 mm d: 410 mm w: 410 mm	h: 90 mm d: 205 mm w: 220 mm	h: 90 mm d: 185 mm w: 175 mm
(all heights excl. platform)				
Speed	rpm	20 to 250**	50 to 450**	150 to 1000
Orbit	mm	20	10	2
Maximum load	kg	8	3	–
Capacity	2 microplates	–	–	●
	4 microplates (with optional platform MPP-4)	–	–	●
Timer, with automatic switch-off		1 min to 96 hours	1 min to 96 hours	1 min to 23 h 59 min
Motion timer (orbital/reciprocal modes)	sec	0 to 250	–	–
Motion timer (vibration mode)	sec	0 to 5	–	–
Display		2-line 16 character LCD	2-line 16 character LCD	4 digit LED
Angle (reciprocal mode)	°	0 to 360	–	–
Angle (vibration mode)	°	0 to 5	–	–
Input voltage	V dc	12	12	12
Input current	A	4.16	1	0.5
Ambient temperature range	°C		5 to 40	

Vortex mixers – models and specifications

		Personal vortex mixer	Multi vortex mixer
		PV-1	V-32
			
		h: 75 mm d: 145 mm w: 82 mm	h: 100 mm d: 180 mm w: 120 mm
(all heights excl. platform)			
Speed	rpm	750 to 3000	500 to 3000
Acceleration time	sec	–	3
Orbit	mm	2	2
Maximum tube diameter	mm	20*	16
Capacity	16 x 1.5 + 8 x 0.5 + 8 x 0.2 ml tubes, Eppendorf type	–	●
Input voltage	V dc	12	12
Input current	A	0.5	0.5
Ambient temperature range	°C		5 to 40

Stirrers – models and specifications

		Magnetic stirrer
		MMS-3000
		Mini stirrer
		
		h: 75 mm d: 230 mm w: 185 mm
(all heights excl. platform)		
Speed	rpm	0 to 3000
Stirring volume	L	2
Plate dimensions	mm	160
Input voltage	V dc	12
Input current	A	0.3

* PV-1 takes conical tubes up to 28.5 mm in diameter ** Maximum speed is dependant on loading



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.