

PSU-10i, Orbital Shaker



DESCRIPTION

Shaker **PSU-10i** provides regulated orbital motion of the platform and is designed for use both in small specialized biotechnological laboratories and in large multidisciplinary laboratories: a choice of five (5) interchangeable platforms provides the possibility of performing various procedures and techniques.

Shaker **PSU-10i** incorporates a direct drive system, a brushless motor with a guaranteed service life up to 35,000 hours and an automatic loading balancing system. These innovations allow for continuous mixing up to 7 days, ensure reliable, trouble-free operation for more than 2 years and significantly expand the range of the device performance in both high and low limits.

Shaker can be used in cold rooms or incubators, operating at ambient temperature range +4°C to +40°C.



SPECIFICATION

Speed control range	50 - 450* RPM (increment 10 rpm) *max. speed depends on the load and vessels' shape
Digital speed control	+
Maximum continuous operation time	168 hr
Orbit	10 mm
Digital time setting	1 min-96 hrs / non-stop
Maximum load	3 kg
Overall dimensions (W×D×H)	220x205x90 mm
Weight	3.4 kg
Input current/power consumption	12 V, 470 mA / 5.7 W
External power supply	Input AC 100-240 V; 50/60 Hz; Output DC 12 V



CAT. NR.

	PSU-10i with external power supply unit w-out platform
BS-010144-AAN	230VAC 50/60Hz Euro plug
BS-010144-AAK	230VAC 50/60Hz UK plug
BS-010144-AAK	230VAC 50/60Hz AU plug
BS-010144-AAK	100VAC 50/60Hz US plug
BS-010144-AAK	120VAC 60Hz US plug
-----	Optional accessories
BS-010116-AK	Platform Bio PP-4
BS-010108-AK	Platform UP-12
BS-010108-FK	HB-200 additional holding bar for UP-12
BS-010108-EK	Platform P-12/100

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BS-010108-DK Platform P-6/250

BS-010116-BK Platform P-16/88

BS-010144-AK IQ OQ document

BS-010144-BK PQ document

ACCESSORIES



UP-12

Universal platform with adjustable bars for different types of flasks, bottles, and beakers with silicone mat. Working area 270x195 mm



HB-200

Additional holding bar for UP-12



Bio PP-4

Flat platform with non-slip silicone mat for Petri dishes, culture flasks, agglutination cards 230x230 mm



P-6/250

Platform with clamps for flasks, 250 - 300 ml (6 places) 250x190 mm

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P-12/100

Platform with clamps for flasks, 100 - 150 ml (12 places) 250x190 mm



P-16/88

Platform with spring holders for up to 88 tubes up to 30 mm diameter (e.g. 10 ml, 15 ml, 50 ml tubes) 275x205x75 mm