



PSU-20 with tray platform

The Multi PSU 20 is a powerful and extremely quite shaker with 3 types of motion, which can be used separately but also in a consecutive realisation of different motion types in a cyclical principle. The Multi PSU-20 has a microprocessor control which allows real-time programm correction, indication of set and actual speed, angle and time, operation timer in the display.

1) Orbital motion



simple even circular motion - common type of motion used in shakers. Adjustable speed from 30 to 250 rpm.

2) Reciprocal motion



vertical rotation with changing direction of rotation. Adjustable turning angle (from 15° to 360°, increment 30°) sets the limits for this type of motion. The speed is the same as set for rotational motion (from 30 to 250 rpm).

3) Vortex motion of the platform (vibration)



intensive mixing of samples at high speed with small amplitude - Vortex motion.. Adjustable turning angle of 0° to 5° (increment 1°)

Specification

Kind of motion	: orbital
Orbit size	: 20 mm
Speed regulation	: 30 - 250 rpm
speed display	: digital (LED)
Timer	: from 1 min to 24 hours / continuous
Time display	: digital (LED)
Max load	: 15 kg
Power	: 12V. 800 mA (External power adapter)
Overall size (w/o attachment)	: 485 x 520 x 140 mm
weight	: 18,35 kg.



Platform UP-400

Code Description

BOE 8080000	Programmable Orbital Shaker PSU-20, AC Adapter 220V
BOE 8080100	Programmable Orbital Shaker PSU-20, AC Adapter 110V

Accessories

BOE 8080005	tray, platform made out of Aluminium, 360 x 360 mm with holes to accommodate clamps for Erlenmeyer flasks, separating funnels and test tube racks
BOE 8081001	Spring clamp, 25 ml max.: 36 pcs.
BOE 8081002	Spring clamp, 50 ml max.: 36 pcs.
BOE 8081003	Spring clamp, 100 ml max.: 25 pcs.
BOE 8081004	Spring clamp, 250 ml max.: 16 pcs.
BOE 8081005	Spring clamp, 500 ml max.: 9 pcs.
BOE 8081006	Spring clamp, 1000 ml max.: 9 pcs.
BOE 8081007	Spring clamp, 2000 ml max.: 4 pcs.
BOE 8081009	Holding device for Separating funnels 250-1000 ml
BOE 8080010	Universal platform UP-400 for all kind of flasks 400 x 400 mm, stainless steel with 4 variable clamping rolls and rubber mat.