



Orbital Shaker LOS-B20

Orbital Shaker LOS-B20 is a compact, benchtop unit, offers orbital shaking with speed range of 100 to 800 rpm. Equipped with LCD display for speed and time, this shaker provides continuous/timed operation supported by over-speed protection and detection. With maintenance- free brushless DC motor for high performance, ambient temperature of 5 to 40°C, it has knob control and IP21 protection with RS232 interface.

Features

- ❑ Compact, benchtop unit, offers orbital shaking
- ❑ Speed range of 100 to 800 rpm
- ❑ Dual LCD for independent screening of speed and time; Knob control
- ❑ Continuous/timed operation; Over-speed protection and detection
- ❑ Maintenance- free brushless DC motor for high performance
- ❑ IP21 protection with RS232 interface
- ❑ High-efficient, reliable and easy-to-use

Application

Orbital shaker is widely used across chemistry, biochemistry, molecular biology, microbiology, environmental and food sciences, clinical diagnostics, and eukaryotic cell culture etc. to agitate and mix samples and solutions in tubes, plates, and flasks.

Specifications

Model	LOS-B20
Controller	Knob control
Shaking mode	Orbital
Orbital diameter	4 mm
Operation mode	Continuous/timed operation
Display	LCD display
Speed range	100 to 800 rpm
Timing range	1 to 1199 min
Standard platform	Universal platform attachment with 3 bars

Platform size (W×D)	240×240 mm
Ambient temperature	5 to 40°C
Motor type	Brushless DC motor
Security features	Over-speed protection and detection
Alarm system	Overspeed sound/light alarm
Protection type	IP21
Interface	RS232
Motor Input/Output	28 W/15 W
Power	30 W
Power supply	AC 110/120 V ±10%, 50/60 Hz
External dimension (W×D×H)	300×340×100 mm
Shaker packaging dimension (W×D×H)	450×450×200 mm
Accessories packaging dimension (W×D×H)	380×480×200 mm
Shaker gross weight	10 kg
Accessories gross weight	2 kg

Optional Accessories:

Accessories no.	Accessories name
1	Clamp for 25 ml flask
2	Clamp for 50 ml flask
3	Clamp for 100 ml flask
4	Clamp for 200 ml/250 ml flask
5	Clamp for 500 ml flask
6	Bar for universal attachment