

Orbital Shaker LD-LOS-B20

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Orbital Shaker LD-LOS-B20

Overview

Orbital Shaker LD-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

Applications:

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:

Power	30 W
Display	LCD display
Interface	RS232
Controller	Knob control
Motor type	Brushless DC motor
Speed range	100 to 800 rpm
Alarm system	Overspeed sound/light alarm
Power supply	AC 110/120 V $\pm 10\%$, 50/60 Hz
Shaking mode	Orbital
Timing range	1 to 1199 min
Operation mode	Continuous/timed operation
Protection type	IP21

Orbital diameter	4 mm
Security features	Over-speed protection and detection
Motor Input/Output	28 W/15 W
Ambient temperature	5 to 40°C
Shaker gross weight	10 kg
Accessories gross weight	2 kg
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