



Orbital and Reciprocal Shaker LD-LORS-A11

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Orbital and Reciprocal Shaker LD-LORS-A11

Overview

Orbital and reciprocal shakers are dual action shakers with variable speed control mechanism that provides gentle to vigorous shaking. It is compact with micro-computer control technology. They are attached with shaker remote controller for controlling operational parameters. The anti –belt driving system and plate type brushless DC motor with low noise, low vibrations and stable operation makes these shakers suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features:

- Dual action shaker with orbital and reciprocal motion by manual adjustment
- Operation up to 400rpm is possible
- Microprocessor Digital PID controller and touch screen operating panel
- Digital LED display indicates temperature, speed, time and state of power failure
- Plate type Brushless DC motor and anti-belt driving system ensures maintenance-free, reliable and quiet operation
- Anti-vibration, quiet and maintenance-free system
- Artificial intelligence system maintains speed accuracy and time
- Attached with shaker remote controller
- Easy to change accessory platform

Applications:

Orbital and reciprocal shakers are suitable for extractions, mixing of microbiology, biotechnology clinical laboratory samples, and silver staining of polyacrylamide gels, etc.

Specifications:

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|----------------------------|---------------------------------|
| Weight | 38 kg |
| Display | 5 digit LED display |
| Operation | Continuous/Timed |
| Timer Range | Continuous or up to 4 h 59 mins |
| Power Supply | 110 V / 220 V, 50 / 60 Hz |
| Shaking Orbit | 22 mm |
| Shaking Motion | Orbital & Reciprocal |
| Overall Dimension | 465 × 540 × 195 mm |
| Temperature Range | No heating function |
| Platform Dimension | 220 × 455 mm with rubber pad |
| Shaking Speed Range | 30 - 300 rpm |

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| Maximum Load Capacity | 10 kg |
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