Labotronics

Water Bath Shaker

LB-66WBS

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1. Safety Measures

- **Timing Adjustment:** Set the timer as needed; if not required, turn it to "ON."
- **Handling Vessels:** Always turn off the instrument before placing or removing a vessel.
- **Stable Placement:** Ensure the instrument is on a stable, level surface.
- **Grounding & Power Off:** Use a properly grounded outlet and turn off the power after use.
- **Product Maintenance:** Our products are continuously maintained. Improper or intentional misuse may incur additional costs.

2. Introduction

Water Bath Shaker LB-66WBS has a 31-liter capacity and operates across a temperature range from RT to 100°C for accurate heating. It offers a rotation speed range of zero to 300 rpm with precision of minus plus ±1 rpm ensuring variable mixing. It accommodates a range of flask size, providing flexibility for various sample volumes. Our Shankar is constructed with durable stainless steel ensuring the reliability across various scientific field.

3. Features

1) Microprocessor control unit
2) Stainless steel spring clamp for multipurpose use
3) Constructed from high quality material
4) Even heat distribution with water circulation
5) Offer over temperature protection

4. Specifications

Model	**LB-66WBS**
Capacity	31 L
Temperature range	RT to 100
Rotation speed range	0 to 300 rpm
Speed position	± 1 rpm
Timer range	0 to 120 min
Flask Capacity	24×100 ml 12×250 ml 6×500 ml 4×1000 ml
Oscillation modes	3 votes rotation reciprocating and continuous
Display	20 mm
Power consumption	LED
Power supply	1550 W
Chamber dimension	AC 110/220 V, 50/60 Hz
Product dimension	390 × 490 ×165 mm
Packaging dimension	720 × 460 × 520 mm
Lightweight net weight	50 kg
Gross weight	61 kg

5. Applications

What about shakeup LB-66WBS is used for temperature controls shaking in laboratory experiments research application and pharmaceutical process

6. Operations

1) Power Supply Requirements:
Ensure that the instrument is connected to an AC 220V power source. The outlet must have a current rating of at least 6A and be properly grounded for safety. If the outlet does not meet these requirements, replace it before use.

2) Setting Up the Instrument:
- Open the instrument cover.
- Secure the vessel requiring oscillation within the spring multipurpose clamp.

3) Operation:
- Turn on the power switch and the oscillation switch.
- Select the desired oscillation speed and operating temperature.
- Gradually adjust the oscillation speed from slow to fast as needed.
- Set the required temperature using the temperature control unit.

4) Indicator Lights:
- **Green Light:** Indicates that heating is active.
- **Red Light:** Indicates that heating is stopped.
- The displayed temperature represents the actual working chamber temperature.