

SHAKING WATER BATH

ALS-INS037



DESCRIPTION

One of the essential pieces of equipment in the laboratory is used to incubate samples underwater at constant temperatures (hot). The Water bath constant temperature shaker is widely used in experiments in pharmacy, such as germ culture, bioprocess technology, hybridization, biochemical reaction, enzyme and cellular tissue research. It has a wide and important range of applications in research of medicine, biology, diagnostics, pharmacy and environmental research.

FEATURES

- **Reciprocating Shaking Motion:** Ensures smooth and consistent shaking for uniform mixing.
- **Digital Temperature Controller:** Provides precise temperature regulation for reliable operation.
- **Excellent Temperature Accuracy & Uniformity:** Maintains stable conditions for optimal performance.
- **High-grade stainless-steel Interior:** Ensures durability, corrosion resistance, and easy cleaning.
- **Powder-Coated Exterior or Epoxy-Coated SS304:** Enhances protection against environmental factors.
- **High-Density Glass Wool Insulation:** Minimizes heat loss and improves energy efficiency.
- **SS304 Spring-Type Platform:** Accommodates various vessel types for versatile applications.
- **Gable-Type SS304 Lid:** Designed for durability and easy access.
- **Efficient Drain System:** Allows quick and hassle-free water replacement.
- **Low Noise & Vibration:** Ensures smooth operation without disruptions.
- **Over-Temperature Alarm & Cut-Off:** Provides safety by preventing overheating.

TECHNICAL PARAMETERS	
MODEL	ALS-INS037SWB
Flask Capacity	250 ml x 05 nos. 500 ml x 04 nos. 1000 ml x 02 nos.
Mode of Rotation	Reciprocating (oscillatory) Type
Shaking Length	20-25 mm
Speed of Rotation	40-180 RPM
Temperature Range	Ambient+5°C to 95°C
Display	LED display for speed and Temperature
Control	Microprocessor-based PID control system for high accuracy
Control Panel	ON/Off Switch, Power mains Indicator, Temperature & speed controller
Power	800 Watt
Top Cover (LID)	Top cover with over-temperature alarm and auto shut-off.
Working Chamber	280 mm x 300 mm x170 mm
Dimension (WDH) Power	220 V 50 Hz Single Phase AC