



WATER BATH SHAKER



Product Description

KLABS Water Bath Shaker is designed for simultaneous heating and shaking applications in microbiology, biotechnology, pharmaceutical and research laboratories. The system provides uniform temperature distribution with controlled oscillating motion for efficient incubation and mixing of samples. Constructed with SS-304 stainless steel inner chamber and microprocessor-based temperature controller, it ensures reliable performance, stable shaking operation and precise temperature control for continuous laboratory use.

Features

- Double walled SS-304 stainless steel chamber
- Epoxy powder coated mild steel outer body
- Oscillating tray mounted on ball rollers
- Shaking speed range: 40–140 RPM
- Digital LED temperature controller
- Set value & process value temperature indication
- Temperature up to $100^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$
- 1000W immersion heating element
- Stainless steel gable cover
- Supplied with flask holder clamp
- Operates on 220/230V AC supply

Applications & Uses

- Microbiology Laboratories
- Cell Culture & Incubation
- Pharmaceutical Research
- Biotechnology Applications
- Sample Mixing & Heating
- Clinical & Diagnostic Laboratories



Technical Specifications

Parameter	Specification
Product Name	KLABS Water Bath Shaker
Construction	Double walled construction
Inner Chamber Material	Stainless Steel 304
Outer Body Material	Mild Steel with Epoxy Powder Coating
Shaking Mechanism	Oscillating tray mounted on ball rollers
Shaking Speed Range	40 – 140 RPM
Temperature Controller	Microprocessor based digital PID controller
Temperature Display	LED display with set value & process value indication
Temperature Range	Ambient +5°C to 100°C
Temperature Accuracy	±0.5°C
Heating Element	1000W immersion heater
Tray Type	Stainless steel shaking tray
Flask Holder	Supplied with flask holder clamp
Lid Type	Stainless Steel 304 gable cover
Power Supply	220/230V AC, 50Hz
Applications	Laboratory incubation and shaking applications

Standard Models

Model	Chamber Size (L x W x H) mm	Capacity	Rating
KT-0012L	275 x 275 x 150	12 Litres	1.5 KW
KT-0018L	405 x 300 x 150	18 Litres	2.0 KW
KT-0026L	550 x 300 x 150	26 Litres	2.0 KW