

DIGITAL WATER BATH SHAKER IG-SWB SERIES



CONTACT US

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ABOUT THE COMPANY

iGene Labserve Pvt. Ltd. is gaining recognition by offering resilient, innovative solutions in laboratory instrumentation across healthcare, genomics, drug discovery, biopharma, and food & beverage sectors. We strive to enhance lab efficacy and reduce challenges through advanced technologies and a diverse product portfolio tailored to our customers' needs.

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.
- **Mild steel Powder-Coated Exterior:** 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 | IG-15-SWB | IG-18-SWB |
|---------------------------------|--|--|
| FLASK CAPACITY | 250 ml x 05 nos. 500 ml x 04 nos. 1000 ml x 02 nos. | 250 ml x 09 nos. 500 ml x 06 nos. 1000 ml x 04 nos |
| MODE OF ROTATION | Reciprocating (oscillatory) Type | |
| SHAKING LENGTH | 20 mm | |
| SPEED OF ROTATION | 40-180 RPM | |
| TEMPERATURE RANGE | Ambient +5°C to 100°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 DIMENSION (WDH) | 280 mm x 300 mm x170 mm | 300 mm x 350 mm x 170 mm |
| POWER | 220 V 50 Hz Single Phase AC | 220 V 50 Hz Single Phase AC |



iGENE LABSERVE®
Innovative • Interactive • Intuitive



CONNECT WITH US.



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