

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 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 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



CONNECT WITH US.

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