

General Water Baths



Introduction:

General water baths are diffusely useful in chemical industry, biology, pharmacy, environmental protection, hygiene and disease control, academics and other science research and producing areas.

The LABWIT offers comprehensive range of water baths which combine unmatched reliability and durability for your laboratory applications. It delivers superior temperature control and uniformity. Bath temperature is controlled to an accuracy of $\pm 0.1^{\circ}\text{C}$ by a P.I.D microprocessor controller for optimum, reproducible bath conditions. LABWIT water baths are categorized as non-circulating, circulating and personal models.

Circulating Water Bath

LABWIT circulating water baths are ideal for applications where temperature uniformity and control are crucial, such as enzymes and serology. These high performance baths range in capacity 18 and 25 liters and include a stainless steel diffuser shelf and a hinged gable cover as standard equipment.

- Water bath temperature is monitored and controlled over the entire range of ambient up to 99.9°C with an accuracy of $\pm 0.1^{\circ}\text{C}$ with P.I.D temperature controller.
- Circulating pump direct water flows around bath perimeter for fast heating and better uniformed temperature control, $\pm 0.2^{\circ}\text{C}$ @ 37°C .
- Easy-to-maintain stainless-steel interior chamber and powder-coated exterior resist most corrosion and chemical damages.
- Easy-to-read LED digital display provides a user-friendly interface which helps minimize errors in establishing running conditions.
- Non-volatile memory retains preset parameters during a power failure and restarts unit automatically after the power is restored.
- Electro polished SUS304 stainless steel hinged gable lid to prevent dust penetration, uncontrolled heat dissipation as well as water evaporations.
- Low water level alarm.
- Anti-drying function.
- Fitted with drain valve.



ZSXH-618

Non-Circulating Water Bath

- Available in four different models, range in numbers of well compartment from 2 to 8 including a stainless steel diffuser shelf.
- Precise temperature control up to 99.9°C .
- Water bath temperature is monitored and controlled over the entire range with an accuracy of $\pm 0.1^{\circ}\text{C}$ with P.I.D temperature controller.
- Easy-to-maintain stainless-steel interior chamber and powder-coated exterior resist most corrosion and chemical damages.
- Easy-to-read LED digital display provides a user-friendly interface which helps minimize errors in establishing running conditions.
- Non-volatile memory retains preset parameters during a power failure and restarts unit automatically after the power is restored.
- Standard ring set to prevent dust penetration, uncontrolled heat dissipation as well as water absorption.
- Low water level alarm.
- Anti-drying function.
- Fitted with drain valve.



ZSBB-726

Non-Circulating Water Bath

- Personal sized tank of 4.6 L.
- Stainless steel interior tank and powder coated corrosion resistant exterior case.
- LED display and analogue temperature settings.
- High precision temperature sensor probe.
- High-density insulation minimizes heat losses.
- Electro polished perforated diffuser made of SUS304 stainless steel as standard.



ZSQ-3

Specifications:

Model	ZSQ-3	ZSBB-712	ZSBB-724	ZSBB-726	ZSBB-728	ZSXH-618	ZSXH-625
Volume(L)	4.6	8	16	24	32	18	25
Temperature	Ambient-99.9°C						
Control	P.I.D Microprocessor						
Temperature Accuracy	±0.1°C						
Circulation Pump	No					Yes	
Temperature Uniformity	±0.5°C@37°C					±0.2°C@37°C	
Lid	None	Ring Set				Gable Lid	
Compartments	1	2x1	2x2	3x2	4x2	1	
Timer	1 minute to 99 hours						
Setting	Digital						
Display	LED						
Power (W)	500	500	1000	1500	2000	1500	2000
Tank Dimensions (mm) (WxDxH)	Ø200x145	320x160x160	320x320x160	480x320x160	640x320x160	350x300x225	400x320x250
Exterior Dimensions (mm) (WxDxH)*	320x260x300	575x225x235	575x385x235	735x385x235	895x385x235	735x365x385	785x385x420
Packing dimensions (mm) (WxDxH)	390x330x460	645x295x395	645x455x395	805x455x395	965x455x395	840x430x540	890x450x575
Net/Gross Weight (kg)	5/9	8/13	14/21	20/29	22/33	22/32	28/40
Electricity	220/240 Volt	220/240 Volt	220/240 Volt	220/240 Volt	220/240 Volt	220/240 Volt	220/240 Volt
	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Approval	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO	CE, ISO

* Tank height includes perforated diffuser height of 50mm.

Ordering Information:

Part NO.	Description	Part NO.	Description
ZSQ-3	ZSQ-3, 4.6L Water Bath, 1, A-99.9° C	P4011	Gable Lid for ZSBB-712, S/S
ZSBB-712	ZSBB-712, 8L Water Bath, 2x1, A-99.9° C	P4012	Gable Lid for ZSBB-724, S/S
ZSBB-724	ZSBB-724, 16L Water Bath, 2x2, A-99.9° C	P4013	Gable Lid for ZSBB-726, S/S
ZSBB-726	ZSBB-726, 24L Water Bath, 3x2, A-99.9° C	P4014	Gable Lid for ZSBB-728, S/S
ZSBB-728	ZSBB-728, 32L Water Bath, 4x2, A-99.9° C	P4011	Gable Lid for ZSBB-712, S/S
ZSXH-618	ZSXH-618, 18L Water Bath, With Pump&Gable Lid, A-99.9° C		
ZSXH-625	ZSXH-625, 25L Water Bath, With Pump&Gable Lid, A-99.9° C		