

INTRODUCTION

General water baths are diffusely useful in chemical industry, biology, pharmacy, environmental protection, hygiene and disease control, academies 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 litres and include a stainless steel diffuser shelf and a hinged gable cover as standard equipment.



ZSXH-625

1. 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.
2. Precise temperature control up to 99.9°C .
3. Circulating pump direct water flows around bath perimeter for fast heating and better uniformed temperature control, $\pm 0.2^{\circ}\text{C}@37^{\circ}\text{C}$.
4. Easy-to-maintain stainless-steel interior chamber and powder-coated exterior resist most corrosion and chemical damages.
5. Easy-to-read LCD digital display provides a user-friendly interface which helps minimize errors in establishing running conditions.
6. Non-volatile memory retains preset parameters during a power failure and restarts unit automatically after the power is restored.
7. Electro polished SUS304 stainless steel hinged gable lid to prevent dust penetration, uncontrolled heat dissipation as well as water evaporations.
8. Low water level alarm.
9. Anti-drying function.
10. Fitted with drain valve.

NON-CIRCULATING WATER BATH

1. Available in four different models, range in numbers of well compartment from 2 to 8 including a stainless steel diffuser shelf.
2. Precise temperature control up to 99.9°C.
3. 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.
4. Easy-to-maintain stainless-steel interior chamber and powder-coated exterior resist most corrosion and chemical damages.
5. Easy-to-read LCD digital display provides a user-friendly interface which helps minimize errors in establishing running conditions
6. Non-volatile memory retains preset parameters during a power failure and restarts unit automatically after the power is restored.
7. Standard ring set to prevent dust penetration, uncontrolled heat dissipation as well as water absorption.
8. Low water level alarm.
9. Anti-drying function.
10. Fitted with drain valve.



ZSBB-726

PERSONAL MINI WATER BATH



ZSQ-3

- Personal sized tank of 5L
- Stainless steel interior tank and powder coated corrosion resistant exterior case.
- LED display and analogue temperature settings
- High precision temperature sensor probe
- Precise temperature control with P.I.D microprocessor controller
- High-density insulation minimizes heat losses

SPECIFICATIONS

| Model | ZSQ-3 | ZSBB-712 | ZSBB-724 | ZSBB-726 | ZSBB-728 | ZSXH-618 | ZSXH-625 |
|-------------------------------------|-------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Volume(L) | 5.5 | 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 | Disabled | 1 minute to 500 hours | | | | | |
| Setting | Analogue | Digital | | | | | |
| Display | LED | LCD | | | | | |
| Power (W) | 1000 | 500 | 1000 | 1500 | 2000 | 1500 | 2000 |
| Tank Dimensions (mm) (WxDxH) | Ø220x150 | 320x160x160 | 320x320x160 | 480x320x160 | 640x320x160 | 350x300x225 | 400x320x250 |
| Exterior Dimensions (mm) (WxDxH) | 320x260x300 | 555x210x235 | 555x370x235 | 715x370x235 | 875x370x235 | 605x375x375 | 655x395x400 |
| Packing dimensions (mm) (WxDxH) | 440x380x470 | 675x330x400 | 675x490x400 | 835x490x400 | 995x490x400 | 825x495x515 | 880x515x570 |
| Weight | 5kg | 8kg | 14kg | 20kg | 22kg | 22Kg | 28Kg |
| Electricity | 220/24 Volt 50/60 Hz | 220/240 Volt 50/60 Hz | 220/240 Volt 50/60 Hz | 220/240 Volt 50/60 Hz | 220/240 Volt 50/60 Hz | 220/240 Volt 50/60 Hz | 220/240 Volt 50/60 Hz |
| Approval | CE, ISO | CE, ISO | CE, ISO | CE, ISO | CE, ISO | CE, ISO | CE, ISO |

ORDERING INFORMATION

| Model | Descriptions |
|----------|---|
| ZSQ-3 | ZSQ-3, 5L Water Bath, 1, A-99.9° C |
| ZSBB-712 | ZSBB-712, 8L Water Bath, 2x1, A-99.9° C |
| ZSBB-724 | ZSBB-724, 16L Water Bath, 2x2, A-99.9° C |
| ZSBB-726 | ZSBB-726, 24L Water Bath, 3x2, A-99.9° C |
| ZSBB-728 | ZSBB-728, 32L Water Bath, 4x2, A-99.9° C |
| 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 |

※S/S: Stainless Steel

ABOUT THE COMPANY



LABWIT Scientific has been a specialized supplier of environmental controlled laboratory equipments since 1998. With strong manufacturing background, we are able to provide innovative solutions to your laboratory requirements. We are driven by innovations and our extensive product ranges are at the cutting-edge internationally for both industrial and scientific applications where temperature and atmosphere control are paramount.



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SHAKING INCUBATORS



LAMINAR FLOW CABINETS



COOLED INCUBATORS



BIOLOGICAL SAFETY CABINETS

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