

**LOTB-B10**



**LOTB-B11**



**LOTB-B12**



# **THERMOSTATIC WATER BATH LOTB-B1 SERIES**

# THERMOSTATIC WATER BATH

## LOTB-B1 SERIES

### LOTB-B10

Thermostatic Water Bath LOTB-B10 is a heating water bath with 5 L capacity design with 2 holes and 1 row. Its temperature ranges from RT +5 to 99°C and temperature stability of  $\pm 0.5^{\circ}\text{C}$ . It features with stainless steel shelves cover heater and sensor to avoid damage during using. Easy to use controls that allow the user to monitor and set temperature and time. Easy to operate functions like deviation correction, menu key lock, power failure backup and restoration of parameters on power off included.

### LOTB-B11

Thermostatic Water Bath LOTB-B11 is a heating water bath with 9 L capacity design with 4 holes and 2 row. Its temperature ranges from RT +5 to 99°C and temperature stability of  $\pm 0.5^{\circ}\text{C}$ . It features with stainless steel shelves cover heater and sensor to avoid damage during using. Easy to use controls that allow the user to monitor and set temperature and time. Easy to operate functions like deviation correction, menu key lock, power failure backup and restoration of parameters on power off included.

### LOTB-B12

Thermostatic Water Bath LOTB-B12 is a heating water bath with 21 L capacity design with 6 holes and 3 row. Its temperature ranges from RT +5 to 99°C and temperature stability of  $\pm 0.5^{\circ}\text{C}$ . It features with stainless steel shelves cover heater and sensor to avoid damage during using. Easy to use controls that allow the user to monitor and set temperature and time. Easy to operate functions like deviation correction, menu key lock, power failure backup and restoration of parameters on power off included.

## FEATURES

- Stamping moulding stainless steel tank
- LCD screen, multiple data display with timing function, easy to operate
- Designed with stainless steel shelves cover heater and sensor to avoid damage during uses
- Automatically heater cut off in case of lack of water
- Audible alarm and temperature error alarm reminds user in time about discrepancies
- Independent temperature-limiting alarm system
- Test tube holder can be placed in water bath

## APPLICATIONS

Thermostatic Water Bath is used in tissue culture, enzyme reaction studies, growth observation studies, fermentation analysis and incubate samples etc.

## SPECIFICATIONS

| Model                    | LOTB-B10                            | LOTB-B11           | LOTB-B12           |
|--------------------------|-------------------------------------|--------------------|--------------------|
| Capacity                 | 5 L                                 | 9 L                | 21 L               |
| Holes                    | 2 holes                             | 4 holes            | 6 holes            |
| Rows                     | 1                                   | 2                  | 3                  |
| Cover aperture           | Φ12 mm                              |                    |                    |
| Material                 | Stainless steel                     |                    |                    |
| Temperature Range        | RT +5 to 99°C                       |                    |                    |
| Temperature Stability    | ± 0.5°C                             |                    |                    |
| Temperature resolution   | 0.1°C                               |                    |                    |
| Temp Alarm               | ± 2°C                               |                    |                    |
| Timing Range             | 1 to 9999 min                       |                    |                    |
| Heating mode             | electric heating                    |                    |                    |
| Temperature setting mode | touch button setting                |                    |                    |
| Temperature control mode | PID control                         |                    |                    |
| Heater                   | stainless steel U type heating tube |                    |                    |
| Sensor                   | PT100                               |                    |                    |
| Cover material           | stainless steel 304                 |                    |                    |
| Inner water sink         | stainless steel 304                 |                    |                    |
| Outer shell              | stainless steel 30                  |                    |                    |
| Display                  | LCD screen                          |                    |                    |
| Dimension                | 130 × 280 × 150 mm                  | 220 × 280 × 150 mm | 290 × 490 × 150 mm |
| Power Consumption        | 500 W                               | 1000 W             | 1500 W             |
| Power Supply             | AC220V 60Hz                         |                    |                    |

## OPTIONAL ACCESSORIES

| Accessories No. | Name  |
|-----------------|---|
| 1               | Intelligent Programmable temperature controller |
| 2               | Printer   |
| 3               | Independent temperature-limiting Alarm system   |
| 4               | RS485 connector                                 |