

Water Bath

1052922

1 Product Information

This might just be one of the best laboratory water bath for the money, it includes an automatic stirrer and shutoff, can hold temperatures within 0.2°C. Also includes one stainless steel rack that converts to hold 4x 250ml beakers or 15x 25mm beakers and 15x 16mm test tubes and comes with a lid included.

1.1 Details

Heater: The heating element is in a M-shaped folded tubing type.

Stirrer: Adjustable speed built-in stirrer ensures homogeneous heating of water.

Security: The polycarbonate tank is virtually unbreakable and resistant to 120°. The control box is made of PC + ABS + G/F which is high quality & strength. A safety sensor turns off the heating circuit when the water level drops below the safety threshold.

Display: The device has a digital display for adjusting the temperature. Another four LED's indicate the working state.

1.2 Specifications

- 0 to 80 degrees centigrade
- Holds 4x 250ml beakers or 15x 25mm beakers and 15x 16mm test tubes
- Stirrer built in
- Polycarbonate Lid
- Microprocessor controlled
- CE approved & PAT tested
- 220 (240) V/50(60) Hz or 110V 50/60hz
- 1000W with smart energy saving control
- Adjustable speed stirrer
- 0.1-degree temperature regulation
- Tank capacity of 8L



2 Instructions

2.1 Controls

Set: Use to enter and leave the settings mode

Up Arrow ▲: Use to increase temperature value in the settings mode. If stirrer is turned on use arrow to increase stirrer speed.

Down Arrow ▼: Use to decrease temperature value in the settings mode. If stirrer is turned on use arrow to decrease stirrer speed.

F/C: Use this button to change between Fahrenheit & Celsius.

Stirrer: Use this to turn the stirrer on or off.

2.2 How to operate

1. Add water to the unit until it reaches the minimum level indicator.
2. Connect the water bath to the main power socket.
3. Set temperature, press the button marked 'Set' you will see the display flashing. The default value is 25°C. Use ▲ & ▼ button to change the value (hold button down with change value faster). Press 'Set' again to enter and return to operating mode. If the setting temperature is higher than the water temperature the water bath will begin heating.
4. Turn on stirrer, press the 'Stirrer' button and use the ▲ & ▼ button to change the speed.

2.3 Reset Device

Hold the F/C button down and then turn on the mains power switch until the display flashes two times to recover the stock factory settings. Turn off the mains switch to confirm settings.

2.4 Troubleshooting Codes

E-1: Thermosensor Failure.

E-2: Water level too low or water level sensor failure.

E-3: Set temperature lower than the actual measured temperature.

E-4: Heating element failure.

2.5 Precautions for use

1. Make sure the device is connected to an earth.
2. Never immerse the cord or the control box
3. Always use the lid to cover when not in use
4. Device will auto shutoff after 24 hours for last adjustment.