

BIOBASE[®]

**Water Tank
WT Series
User Manual**

BIOBASE GROUP

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1.Unpacking、 Installation、 Debug

1.1Unpacking

Please check the machine after opening the packing box, contact the supplier if there is any damage.

1.2Accessories Inspection

Open the upper cover and take out power line and accessories bag (manual, fuse)

1.3Installation conditions and usage environment

Place the machine on a flat desktop and leave it away from flammable and explosive materials.

1.4 Installation

The outlet is switched off and add water in the pot, the water line must be 5cm higher than heating pipe. Make sure the machine and power plug are connected well.

1.5 Inspection after installation

Check if the power supply connected is correct and the grounding is reliable, make sure the heating pipe should be completely submerged in water.

2.Buyer’s Guider

2.1Technical data

Model	WT-42	WT-60
Main voltage	220V 50Hz	220V 50Hz
Time Range	0-- 999 minutes	0-- 999 minutes
Temperature-control range	RT-100℃	RT-100℃
Temperature-fluctuation	≤±1℃	≤±1℃
Power consumption	800W	1500W
Dimensions of the working chamber	420mm×180mm×150mm	600mm×300mm×200mm
Style	Single-row 2	Double-row 6

2.2 Functions

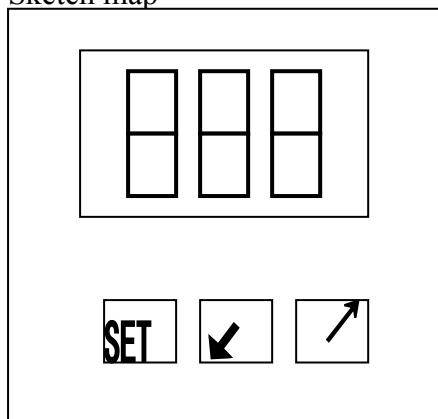
Water Tank is designed for use in distilling, drying, concentrating and heat soaking chemicals or biological products.

2.3 Product Structure

It is made of imported stainless steel with machining technics of exact mechanism. It can be resistant of high temperature and corrosion. The equipment of controlling temperature is designed with operation amplifier of high stability, A/D conversion of double integral and high precision, and infrared heating technics. The time of heating balance is short and the uniformity of temperature is good. LED display the measured value, not only intuitionistic, but also accurate.

2.4 Control Panel

Sketch map



2.5 Operation Instruction

Operation guide

The power supply must use electrical line of 220V 50HZ 10A and have earthing equipment.

- Affuse the water and then electrify before using, the water line in the pot can be under the heating tube.
- Turn off the power supply if not use for long time.

Operation procedure

- Before using, add enough water in the pot, then cover the cover board.
- Switch on the electrical source.
- Adjust temperature: Press “SET” or “△”、“▽”to adjust the temperature. The below display (green) show “SP”, the above display (red) show the adjust value of temperature. And then press “△” (or “▽”) to make the temperature increase (or decrease). If keep pressing, the temperature value will increase (or decrease) slowly. After increasing (or decreasing) 10 numbers, the value will increase (or decrease) quickly. Press “SET” to confirm and exit after finish the above

operation. If not press “SET” to confirm within one minute after the temperature value amended, the amendment is invalid. It will exit automatically.

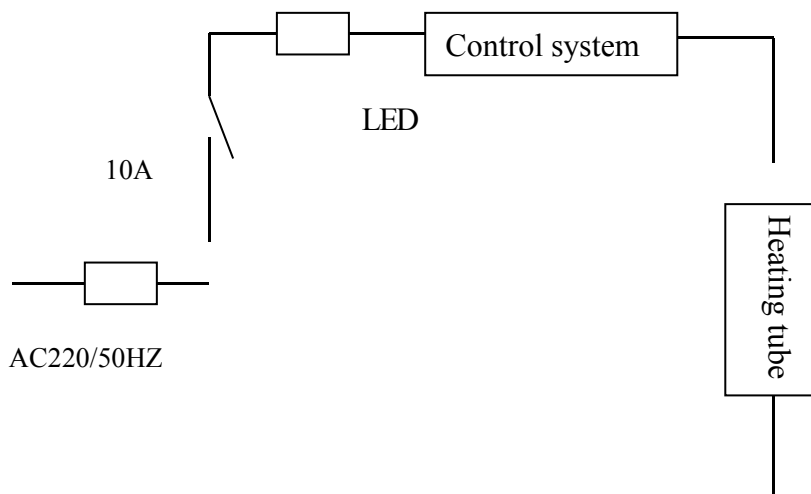
2.6 Maintenance

1. Use and maintain the water bath pot accurately (such as appropriate environment and working temperature etc.). Make it in the good working condition to extend its using life.
2. Avoid the dust and feculence to enter in.
3. Wipe up the workbench with soft cloth after the system stops working.
4. This product is guaranteed to keep in good repair for one year from the day leaving the factory and maintenance for all life.

2.7 Replacing Accessories

- 1.Heating Pipe
- 2.Fuse
- 3.Temperature Controller

2.8 Circuit Diagrams



3. Corrective maintenance and label

3.1 Failures and Solutions

Trouble Shooting Guide

If your water bath pot cannot work normally, please check it before asking for maintenance:

malfunction Reasons analyze Solving ways

The lamp of power supply is not light The plug does not insert suitably Insert the plug suitably

The switch does not turn on Turn on the switch

The fuse is damaged Replace the fuse

3.2 Label Description

Label is mainly for power supply, working temperature, temperature accuracy, heating power etc.

4. Quality Guarantee

Warranty: one year.

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