

Model YR453

Tissue Hot Plate

Instruction Manual

Thank you very much for purchasing our Tissue hot Plate YR453.

Please read the “Operating Instructions” and “Warranty” before operating this unit to assure proper operation. After reading these documents, be sure to store them securely together with the “Warranty” at a hand place for future reference.



Warning: Before operating the unit, be sure to read carefully and fully understand important warnings in the operating instructions.



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I. Introduction

YR Model Hot Plate is one of the pathological instruments. The advanced controlling-microprocessor and the new calorific material have been applied to this machine to make it an advanced one both abroad and at home. It is novelty in form, precise in structure, stable in performance and easy for operation. It also possesses the feature of small in size and light in weight. It is a practical instrument for pathological study and teaching for hospitals, medical schools, scientific research institutes and food quarantine and inspection organizations.

II. Functions and features

1. The new PTC calorific material has been used to make it heat up quickly and heated equally, small in the heat inertia for energy-saving.

2. The temperature survey integrated block from American DALLAS Corporation has been used to make it precise in temperature survey and credible in performance.

3. The odd controlling-microprocessor from American ATMEL Corporation has been used to make it easy to set up temperature and the LED digital display system to make it accurate and intuitionistic to the temperature.

4. It possesses the function of automatic memorization to keep the set temperature after startup.

III. Main technical parameters

1. Slice-dried platform: 344 mm×258 mm
2. Range for setting temperature: room temperature to 90°C
Temperature control accuracy: $\pm 1^{\circ}\text{C}$
3. Voltage: AC 220 \pm 10% 60Hz
Power: ≤ 550 W

IV. Sketch of the Instrument

(Picture 1) Sketch of the Instrument



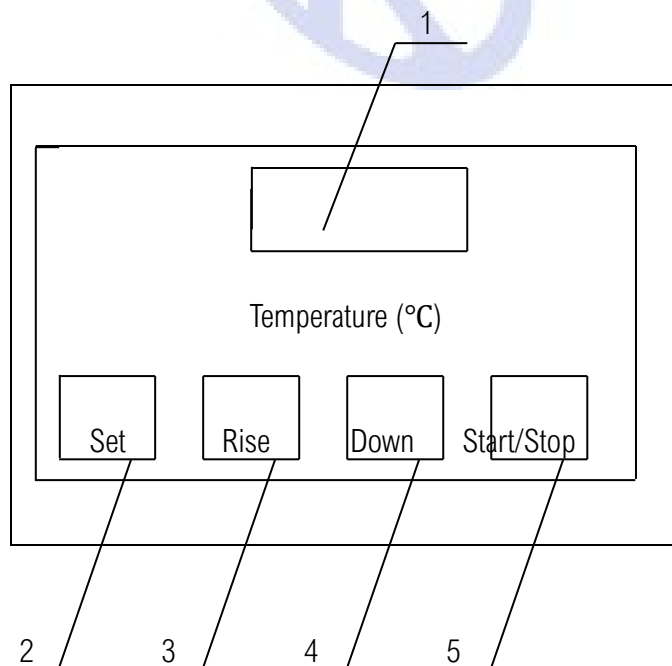
1、 Slice-dried platform

2、 Cabinet

3、 Panel

V. Sketch of the Operating Panel and Its Functions

1. Sketch of the Operating Panel



(Picture 2) Sketch of the Operating Panel



- 1、 Temperature Display Screen
- 2、 Temperature Set
- 3、 Temperature Rise Controller
- 4、 Temperature Down Controller
- 5、 Startup/Stop Controller

2. Functions of the Key Controllers

- ① Set: Press this key to for setting the temperature of the slice-drier
- ② Rise: Press this key to for adjusting the temperature upward
- ③ Down: Press this key to for adjusting the of temperature Downward
- ④ Start/Stop: Press this key to first for Startup, Second for Stop.

VI. Ways for Operations

1. After getting through the electric supply, turn on the switch.
2. The temperature should firstly be set in performance, and the operations are as follows:

For Warming slice

Switch on, then press the “Set” key and you can see the “P××” on the Screen, that is the sign for “Setup”, the temperature displayed is the set temperature, if you press the “Rise” key, the set temperature will go up; if you press the “Down” key, the set temperature will go down. When you adjust to the ideal set temperature, the computer chip will memorize the set temperature. When you press the “Start/Stop” key, the current temperature of the Slice-Warming platform will be immediately displayed on the screen, when the screen display C××, it means the instrument is at the working state.

3. If no change for the set temperature, press the “Start/Stop” key to start working.

Direction:



P□□ P for setting temperature

C□□ C for working temperature, the instrument is at the state of working.

□□ for current temperature, the instrument is at the state of standstill.

VII. Attentions

1. When in performance, ensure that the grounding works well.
2. The keys on the panel should be pressed gently, avoid heavy press.
3. The instrument should be placed horizontally and in the ventilated place, and keep it far from heat source.

