

USER MANUAL

Burnout furnace



Description

The burnout furnace designed for dental casting, this machine uses high-quality furnace materials and high-quality furnace wire for longer life and faster heating. The heat insulating material is high-aluminum heat-insulating cotton, which has better heat preservation performance, small volume and light weight, and is convenient for handling and placing. It can be turned on regularly to improve work efficiency. All figures are displayed, intuitive and accurate. Optimized control circuit, low failure rate and easy routine maintenance.

Specifications

- 1.voltage: 220V/110V
- 2.rated power: 3000W
3. the highest temperature: 1100 °C
- 4.rated current: 220V $\leq$ 15A 110V $\leq$ 28A
5. furnace size: width 160mm * height 160mm * depth 170mm

(You can put 2 casting rings on the 1st; 6 casting rings on the 2nd; 8 casting rings on the 3rd;

15 casting rings No. 4; 27 casting rings No. 5)

Instructions:

1. Place the machine on a stable workbench, connect the power cord to an air switch of not less than 20A, and ensure that the ground wire is firmly

connected (generally unstripped is the ground wire).

2. After the switch is energized, the green indicator light is on, indicating that the machine is connected correctly.

3. The rotary heating switch can be directly heated. After the set time is turned, the temperature controller turns on the heating. If the delay process is not finished, the heating switch can be directly rotated.

4. When the furnace wire is heated, the red indicator light is on, and the red indicator light is off, indicating that the furnace wire is not heated.

5, rotating heating switch, voltage, current meter is bright, intelligent temperature controller is bright; voltage shows the current actual voltage, current shows 0 when just turned on; intelligent temperature control table shows two values, "PV" is the actual temperature inside the furnace, "SV" is the set temperature.

6. Temperature setting method: Press the "SET" button in the lower left corner to flash the SV value. At this time, the SV value can be set as required, and the range is 0°C-1100°C. Press "«" to adjust the position of the changed value. Press "DOWN" and "UP" to adjust the size of the number. After the value is changed, press "SET" to confirm. After the setting is successful, the SV value will display the value you set.

7. Time setting method: Open the right time controller cover and press the corresponding mechanical button. "H" stands for hour, "M" stands for minute, and "S" stands for second. For example: 12 H 34 stands for

12 hours and 34 minutes, 12 M 34 stands for 12 minutes and 34 seconds, and 12 S 34 stands for 12.34 seconds.

Note: This setting time is the delay time. For example, if you need to turn on after 12 hours and 34 minutes, set the value to 12 H 34.

Cautions:

Symptom cause

- 1.The whole machine is dead. Check the fuse.
- 2.The thermostat shows normal, the red indicator light is on, the furnace is not heated, and the furnace wire is broken.
- 3.The temperature controller is normal, the red indicator light is off, the furnace is not heated. The set temperature is lower than the actual temperature or the relay is damaged.
- 3.The thermostat displays “ □ □ □ □ ” and flashes. Check if the thermocouple is reversed or the thermocouple is broken.