

**2800w all-in-one
Induction heater manual**

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Machine parameters:

1. Rated voltage: AC220V
2. Rated maximum input current:15A
3. Motherboard rating:DC48V or DC53.5V
4. The motherboard is rated at the maximumcurrent:
58A
5. Host weight:6KG
6. Capacity:70ml
7. Heating ring diameter:60mm(other types can be customized).
8. External size:380mm x 150mm x 210mm

Panel Description:

- ①Power meter
- ②Heat on
- ③Reset
- ④Alarm lights
- ⑤Heating light
- ⑥Heating ring interface
- ⑦Fuse
- ⑧Foot switch interface

- ⑨The total power switch
- ⑩AC1100V-220V input interface
- ⑪Infrared temperature sensor interface
- ⑫Water-cooled input
- ⑬Water-cooled output
- ⑭DC48V50A power supply
- ⑮Thermostat
- ⑯Cooling fan

Prepare before use:

1. The first use of the heating ring is not installed on, requiring the user to exercise the 17mm wrench installation;
2. After installation is complete, prepare a basin of water, insert both heat dissipation into the water, if conditions permit, it is recommended to use cold water into hot water directly drain the waste way to dissipate heat;
3. Make sure that the total power switch is in the off position and plug the input power cord into the 110-250VAC input interface; (Ratedpower halved at110V input).
4. Push the back main power switch to power the internal power supply, wait about 5-10 seconds for the main display to light up and the water pump and fan to start

5. Observe if there is a leak near the removable heating ring linker, and if there is a leak to turn off the power supply, use the tool to tighten the connector screws a little until it does not leak (watertight tests have been performed at the factory).
6. According to the actual use of demand to set the alarm power, the manufacturer's default alarm power is 3200W (detailed set reference power meter instructions).

Use the steps:

1. Make sure that the total power switch on the back is off;
2. Turn on the main power switch, wait about 5 seconds, the power supply is stable at this time to see the fan and water pump running, the main display light voltage is displayed as 48V or 53.5V;
3. First press the "M" button of the power meter to reset the power meter, then press the heating on, the green heating light is on, or use a foot switch, the heating light is on after the pedal is pressed, release and go out; If the use of red light on heating stop, then first check the power meter whether there is voltage or power alarm, if no alarm is water cooling abnormal, check whether the water cold part is lack of water or water pump damage, if the water pump water cooling is normal is water-cooled water temperature of more than 50 degrees Celsius (for the water

temperature is too high solution is to use cold water into hot water direct waste way, cooling water does not recycle);

4. Use the end-press reset switch and wait approximately 20 seconds before turning off the total power switch . .

Precautions for use:

1. In all cases, the power-on use must follow the switch on and wait for the fan and water pump to work before turning on the heating, otherwise there is a risk of burning the motherboard (this must be absolutely observed).
2. When shutting down, follow the reset switch and wait 20 seconds before turning off the main power switch, which is intended to cool the system;
3. If there are conditions can be changed to cold water into hot water directly drained non-circulating water cold cooling heat, is conducive to reducing the system temperature (water cooling factory set a maximum temperature of 50 degrees Celsius, more than 50 system alarm stop heating).
4. Multi-function display can display the power of the system and motherboard temperature in real time, when the power is continuously greater than 2800W or the motherboard is greater than 75degrees C should shut down the system, may be the heated object overloading the system, this can be set by setting the

alarm current to the machine set alarm protection automatically cut off heating;

5. When the cooling fan and water circulation system any one does not work must turn off the main power supply must not continue to work, contact the manufacturer to solve the problem;
6. The top cooling fan port and the power cooling air inringing port must not be obscured, otherwise it will affect the cooling of the system;
7. The rated operating voltage is AC220V, and the power using AC110V is halved;
8. If the heating ring needs to be changed on its own due to actual use requirements, it is necessary to ensure that the empty current of the heating ring is not greater than 12A.
9. Press the "M" button of the power meter before each time you turn on heating or when the alarm is lifted, and then press the reset button of the machine to lift the alarm of the red alarm light

Common problem solving:

1. System power-on fan pumps do not work power meter no display, can not be heated, may be fuse blown, is caused by overload, just replace the fuse, fuse parameters of 6 x 30/15A;
2. The power red alarm light on the power-on lights up. The supply voltage slowly rises when powered on for the first time, and the

factory sets a minimum voltage of 45V alarm. The alarm can be eliminated by pressing the reset after the voltage has stabilized. The minimum voltage for the power meter alarm can also be set to be smaller.

3. The red alarm light comes on during use. First look at whether the power meter shows a power alarm, the default alarm power is 3200W, if the current does not alarm, check whether the water cooling system failure, or cooling water temperature of more than 50 degrees Celsius.
4. Press the reset button red warning light can not be eliminated, first press the power meter "M" button to try to solve;
5. Other problems please contact the manufacturer to solve specifically.

Annex 1 Instructions for the use of the thermostat

Thermostat enables temperature control, . . . Generally set to the upper limit alarm). Press and hold the SET button to enter the password 3000 press SET, AL2 is the upper limit temperature, HAL2 is the downline start temperature difference, d2 is the action delay, set to 0 Once the setup is complete, press and hold the SET to the main interface (the entire setup process ignores the parameters with the tail number 1);