

WTR-C-3 Flexible Induction Heater



Product Application

WTR-C-3 induction heater is applied to induction heating of metal materials. It can quickly remove the inner ring of small and medium-sized cylindrical roller bearings.

Technical Data

Voltage / Frequency	220V/50Hz	Current	25A
Input Power	5.5KVA	Power Factor	> 0.92
Output Power	5KVA	Frequency Range	40-110KHz

Panel Function

➤ Main control panel





1. Ammeter: Display the AC input current during operation
2. Main power switch: Turn the power on or off
3. Digital tube display: Display the given time, power size, fault alarm code
4. Keyboard function:

“Set”: Usually shows working time and modified working time; If you press **Set** and **COOL** at the same time, display and modify power

“+ / Add”: Increased working time and power size settings

“- / Sub”: Reduced working time and power size settings

“START&STOP/RUN” : Start / Stop

5. Button Operation

- Power on, the digital tube shows the modified working time status;
- Set time modification

Add is for the working time increasing;

Sub is for the working time decreasing;

- Given power modification

Press the Set and COOL keys simultaneously:

Add is for the given power increasing;

Sub is for the given power size decreasing;

- Fault alarm code

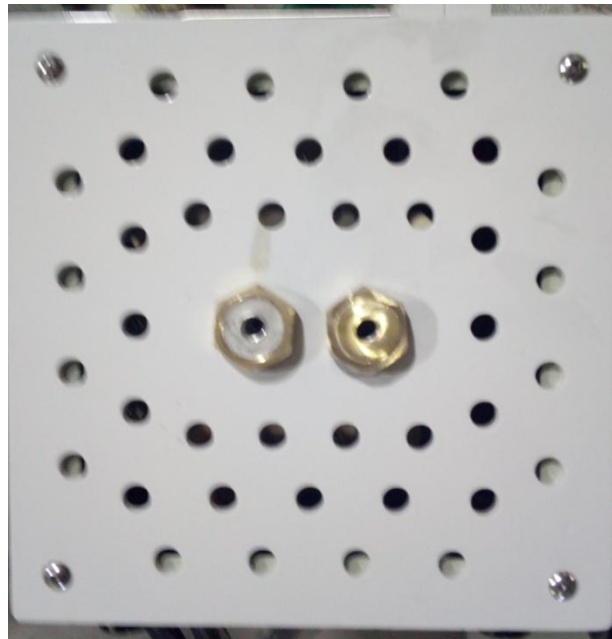
Wb Water shortage protection	EE05	Tb Overheating protection	EE04
Iob Inverter protection	EE03	I+B DC protection	EE02

➤ **Rear Side Of The Chassis**

1. Radiator
2. AC input interface
3. Temperature control interface

➤ **Front Side Of The Chassis**

It is the flexible cable interface.



Operation Steps

1. Connect the line
2. Winding the flexible coil into the desired shape and placing the heated workpiece in the coil
3. Place the temperature sensor on the heated workpiece and the other end of the temperature control is connected to the chassis.
4. The panel main power switch is turned on, and the working ammeter and control panel start working.
5. Set working time and power size on the control panel.
6. Press the RUN button and heating starts. When the heating time or heating temperature is reached, the heating stops automatically.



Notice

1. No long time working, otherwise it will burn the coil and the power supply.
2. Non-professional technicians can not disassemble the chassis.
3. The temperature sensor could not work properly until it has been powered for a while. Don't start it immediately after the chassis is powered up.

