



Maintenance

During the running of heater, it tests and checks the operating state and fault in the whole course, and the controller shows fault codes on the LCD / LED constantly.

The fault code of LCD screen

Fault state description

Machine fault	State display	Treatment method
Under-voltage of power supply	1 indicator flickers.	Boost the voltage of power supply.
Overvoltage of power supply	2 indicators flicker.	Reduce the voltage of power supply
The ignition plug is out of order.	3 indicators flicker.	Check whether the ignition plug has suffered from open circuit or short circuit.
Oil pump fault	4 indicators flicker.	Check whether the oil pump has suffered from broken line or short circuit.
The machine is overheating.	5 indicators flicker.	Check the temperature sensor on the shell or whether the fan has the abnormal rotation speed.
Motor fault	6 indicators flicker.	Check the magnet polarity, the Hall sensor location or the looseness conditions of wiring terminal.
Break line fault	7 indicators flicker.	Check the connecting plug of panel, and whether the blue harness connection has become flexible or disconnected.
The flame is extinguished.	8 indicators flicker.	Check whether the oil circuit has air or blockage, check whether the temperature sensor on the shell is out of order or whether the connector terminal has become flexible.

Fault Code Description

Machine fault	Status display	Solution
Undervoltage power source	Panel display E-01	Raise the power supply voltage
Overvoltage power source	Panel display E-02	Reduce the power supply voltage
Ignition plug fault	Panel display E-03	Check whether the ignition plug is open-circuit or short-circuit
Oil pump fault	Panel display E-04	Check whether the oil pump is disconnected or short-circuit
Machine overheat	Panel display E-05	Check the temperature sensor on the shell, or check whether the fan revolution speed is abnormal
Motor fault	Panel display E-06	Check the polarity of the magnet and the position of the Hall sensor.