Taian Pu Hui Electrical Technology Co., Ltd.

IR PREHEATING PLATE

T-8280
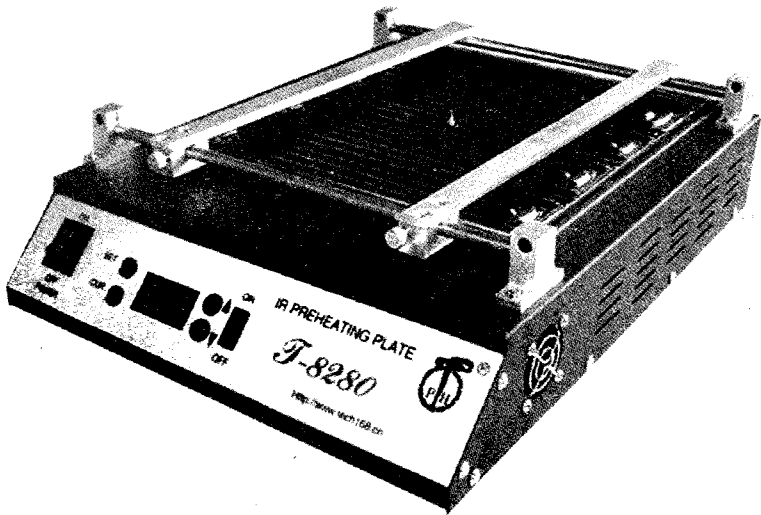
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Products Features

1. This machine selects the infrared component to give off heat which independent exploration, adopts advanced PID intelligent temperature, control temperature precisely.

2. T-8280 can achieve to heat PCB board and component which contains lead or not, especially the BGA and SMD parts.

3. Use infrared heat, easy to cut through, heat proportion, don't have sirocco flow. Don't shift the small components on the PCB board, ensure the welding quality.

4. This machine has 1500W heating system, widely to 280x270mm. Can use together with the handhold infrared welder T-835.

5. Easily operate, you can operate it through easy training.

Technical Parameter

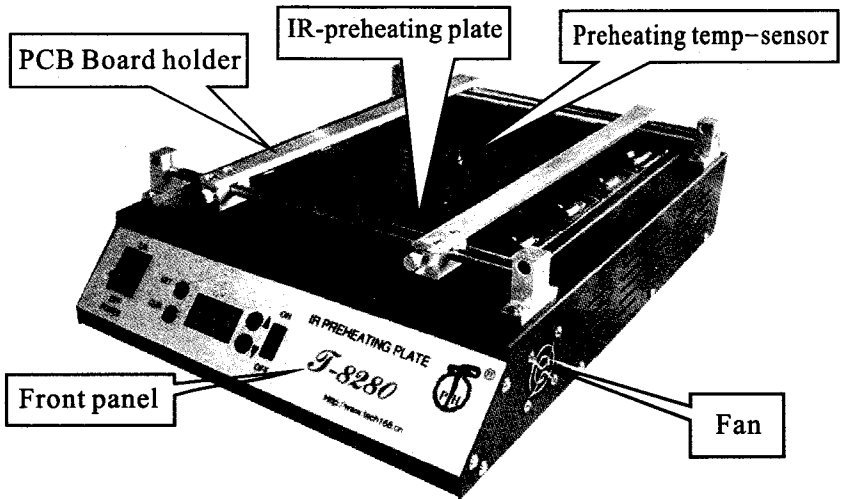|	
Work bench size	410x316mm
Rated voltage and frequency	AC220-230V /AC110V 60/50HZ
Complete machine power	1600W
Preheating plate power	1500W
Preheating plate size	280x270mm
Preheating plate temperature adjustable	0-450℃

Main Components

Preheating plate main body	1
Temperature sensor	1
PCB board holder	1
Power line	1
User manual (compact disc)	1

(1)

Main component function explanation

1、Preheating plate main body

PCB Board holder

IR-preheating plate

Preheating temp-sensor

Front panel

Fan

2、Front panel

Power

indicator light

Preheating-temp display

Temp-set button

IR-preheating plate switch

3、Side panel

Fuse

FUSE 10A

INPUT

Power

4、PCB board holder

Temperature sensor

PCB board holder

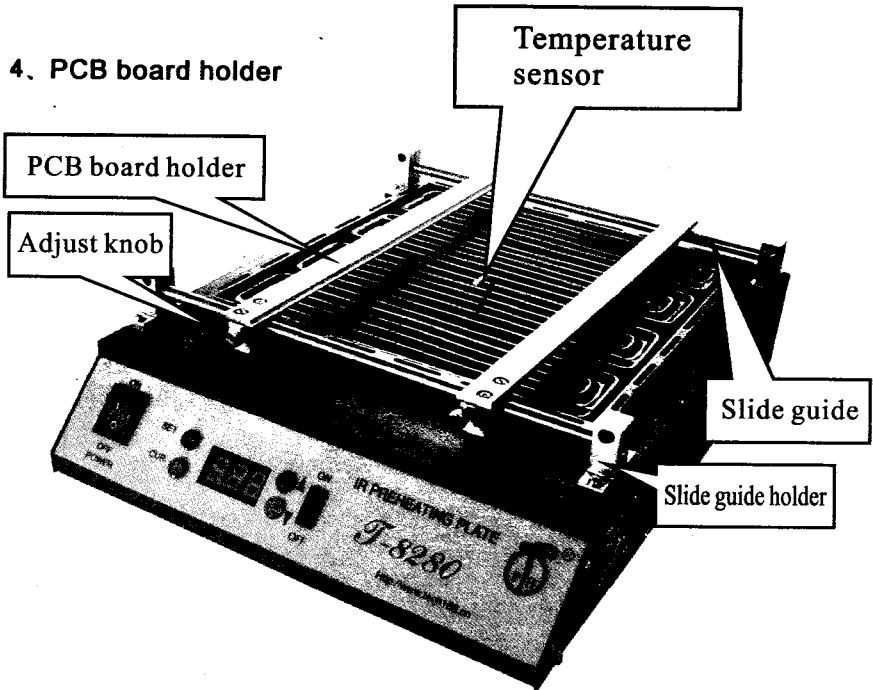Adjust knob

Slide guide

Slide guide holder

(3)

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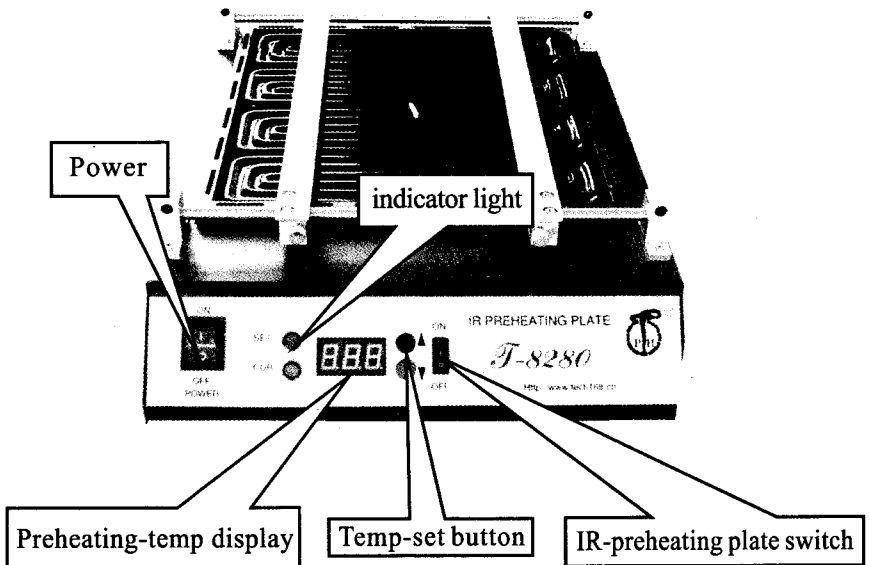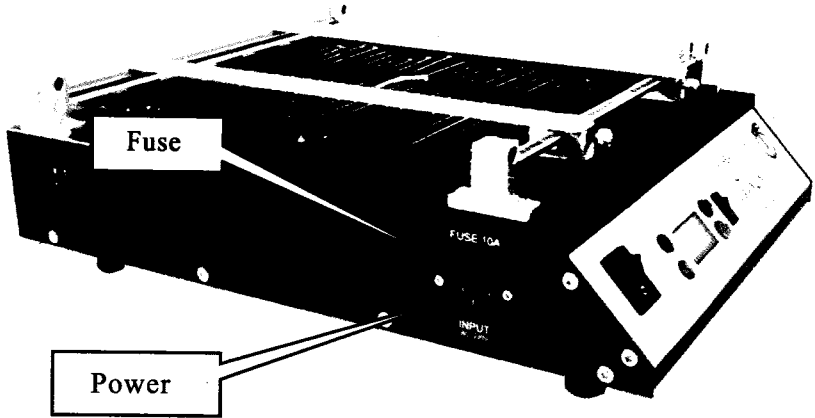
Operation Instructions

1. Inspect the machine and then open it

① Check the connection of the power line.

② Turn on the power switch. Allow the T-8280 Power-On-Self-Test (POST) to complete. After this, Temperature set-points will display last value used.

③The black switch on the front panel are used to control the infrared preheating plate; press the blue button " ▲ " (up), the red button " ▼ " (down), can adjust the infrared preheating plate temperature between 0 ℃ and 450℃. Press the button "ON" , the infrared preheating plate starts to work, press "OFF" , it stops working.

2. Operation of preheating PCB board

(1) The placement and adjustment of the PCB board:

① According to the size of the PCB board, adjust the PCB board holder, then put the PCB board and fix the adjust knob.

②According to the size of PCB board and welding technological requirement, press the blue button " ▲ " (up) and the red button " ▼ " (down), regulate the output temperature of preheating plate between 0℃ and 450℃

(2) Preheating open and close:

① Press the "ON" button, open the preheating plate about 3-5 minutes, make the temperature be the setting value then carry on the next step .

② Finishing, press "OFF" , the preheating plate stops working.

Attention: Don' t close the power switch until the machine full cooling.

③The preheating temperature set: If the PCB board contains lead, adjust the infrared preheating plate temperature to 100—120℃; if not, adjust to 120—140℃. You can also set the preheating

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temperature according to the user' s experience and technology.

3. Machine installation and adjustment:

The preheating plate heating type includes: the total pressure flow-through heating way and the PID percentage adjustment way. You can adjust it according to the preheating allowance. Generally speaking, if the preheating temperature is lower than 250 ℃ , selects the PID percentage adjustment method; and if the preheating temperature is higher than 250℃, use the total pressure flow-through heating way.

Adjustment method:

1. Press "▲" power-on, display: C=?

2. Press "▲" choose 0 or 1, every press the status change one time,

C=0 is PID percentage adjustment, C=1 is switching control.

3. Press "▼" OK

Cautions!

1. After finishing, don' t turn off the power immediately; make sure the infrared preheating plate complete cooling.

2. Keep the ventilation free-flowing, the infrared preheating plate clean. Use dehydrated alcohol to clean it regularly!

3. The high temperature operation, pay attention, avoid scalding.

4. If don' t use the machine for a long time, you' d better pull off the power !

Warranty

The whole machine maintains for one year and the spare parts maintain for three months. Provide the immediate network online Q/A and the technical advisory work service.

Statement

If there is any difference between user operating manual and actual product, according to the actual product!