

SMTmax T-8280 Infrared Preheater

SMTmax T-8280 IR Preheating Plate



SMTmax

125 Business Center Drive Unit G

Corona, CA 92880 USA

Tel: (877) 589-9422 Fax: (951) 582-9422

Technical Support: info@smtmax.com

Website: www.smtmax.com

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Product Features

- This machine selects the infrared component to give off heat which independent exploration, adopts advanced PID intelligent temperature, controls temperature precisely.
- T-8280 can achieve to heat PCB board and component which contain lead or not, especially for BGA and SMD parts
- Use infrared heat, easy to cut through, heat proportion, doesn't have sirocco flow. Don't shift small component on the PCB board, ensure welding quality.
- This machine has 600W heating system, widely 280 x 270mm.
- Easily to operate, you operate it through easy training.

Technical Parameter

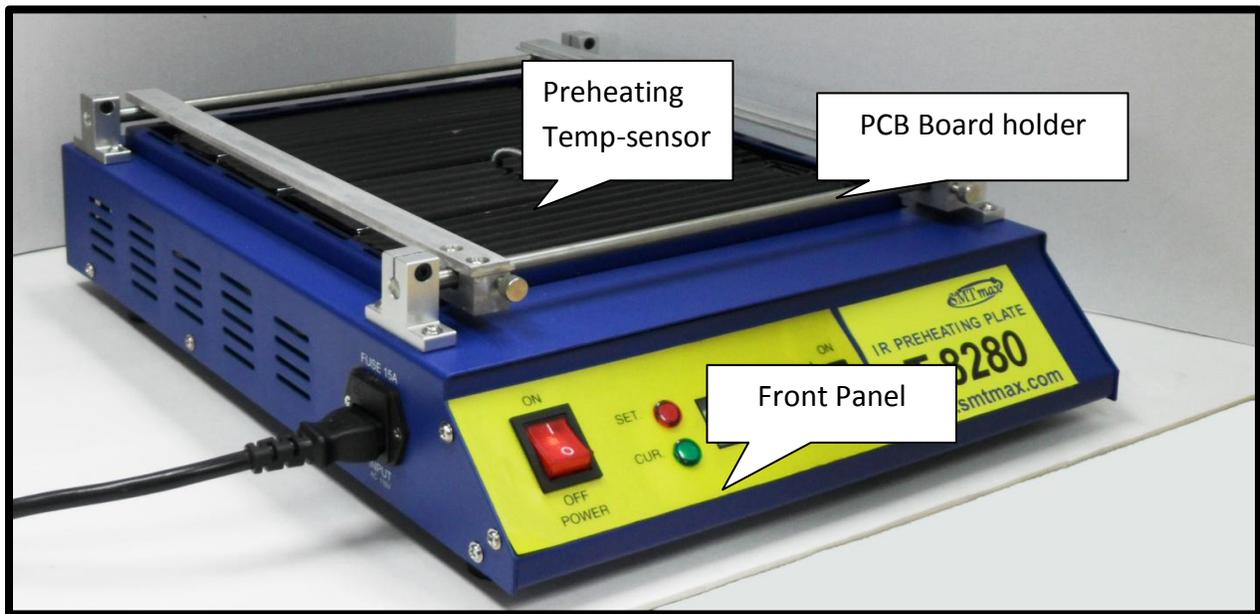
Work Bench	410x316mm
Rated voltage and frequency	AC110V 50Hz
Complete machine power	1600W
Preheating plate power	1500W
Preheating Plate size	280x270mm
Temperature Range	0 - 450°C

Main Components

Preheating Plate body	1
Temperature Sensor	1
PCB board holder	1
Power line cord	1
User manual	1

Main Component Function Explanation:

1. Preheating Plate Main Body



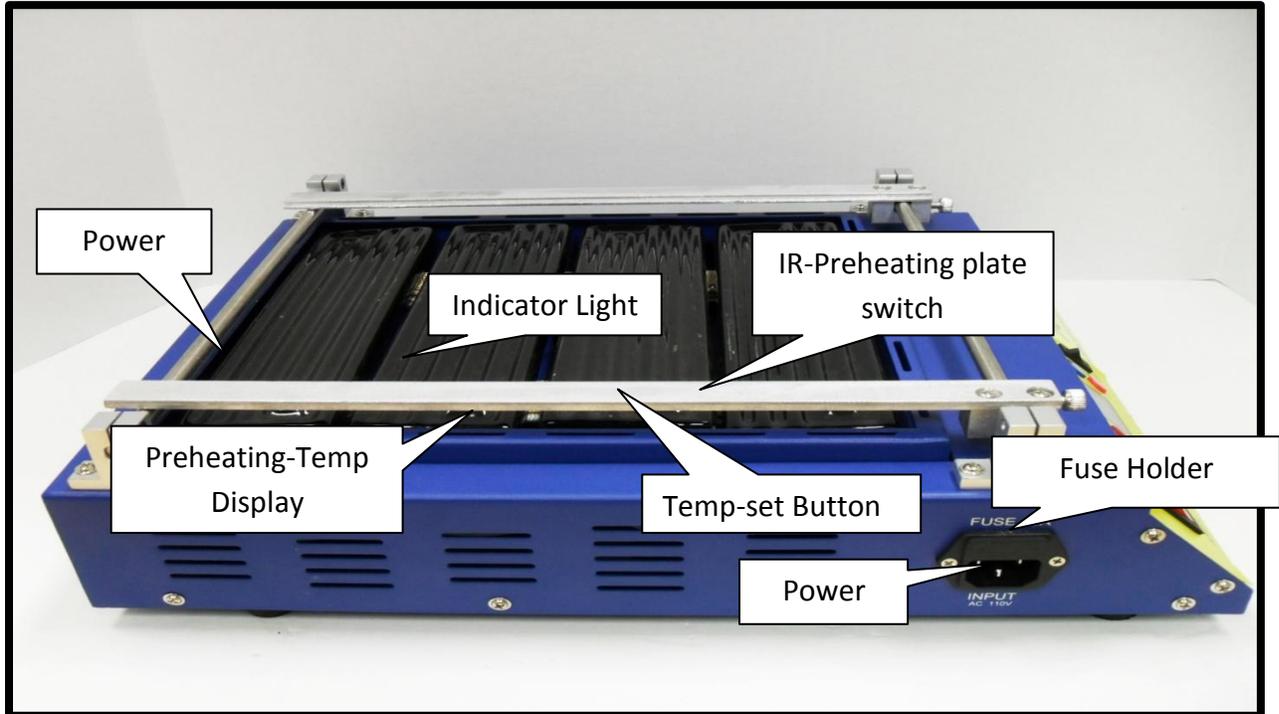
2. Front Panel



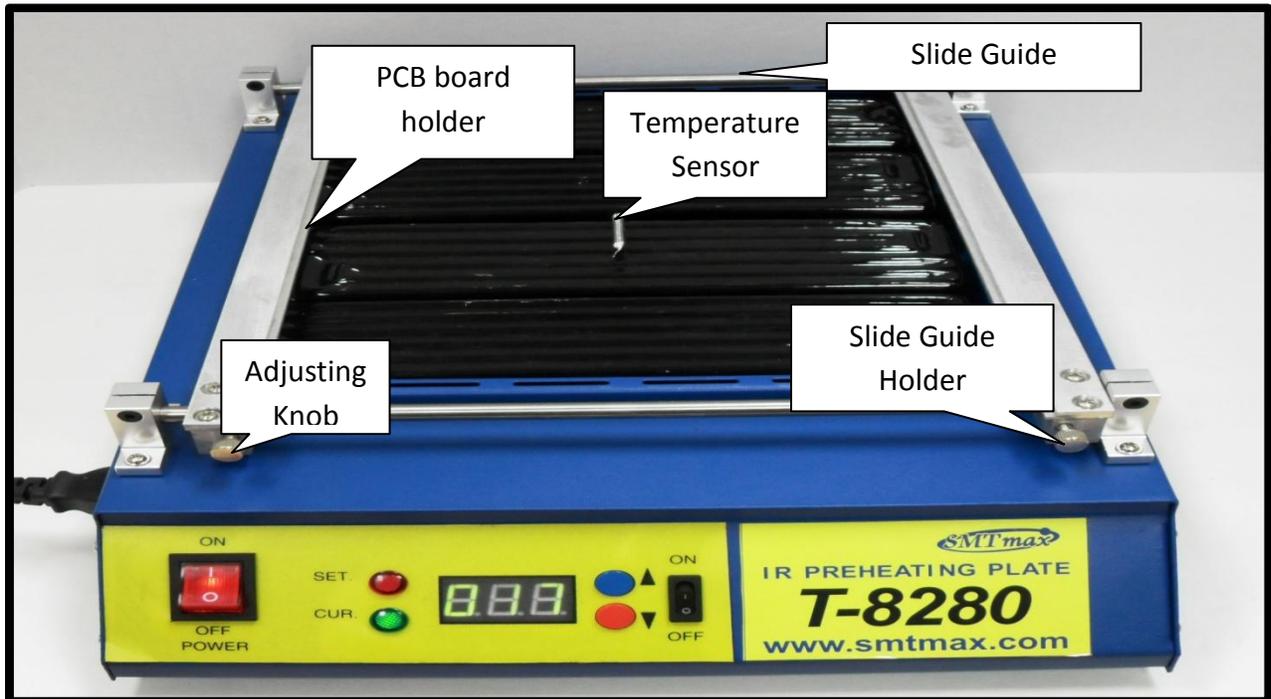
3.

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4. Side Panel



5. PCB board holder



Operation Instructions:

1. Inspect the machine and then open it
 - I. Check the connection of the power line.
 - II. Turn on the power switch. Allow the T-8280 Power-On-Self-Test (POST) to complete. After this, Temperature set-point will display last value used.
 - III. The black switch of the front panel are used to control infrared preheating plate; press the blue button “↑” (up), the red button “↓” (down), can adjust the infrared preheating plate temperature between 0°C through 450°C. Press the button “ON”, the infrared preheating plate starts to work, press “OFF”, to turn off the unit.
2. Operation of preheating PCB board
 - I. The placement and adjustment of the PCB board;
 - a) According to the size of the PCB board, adjust the PCB board holder, then put the PCB board and fix the adjust knob.
 - b) According to the size of the PCB board, press the blue button “↑” (up), the red button “↓” (down), regulate the output temperature of preheating plate between 0°C - 450°C.
3. Preheating open and close:
 - I. Press the “ON” button, open the preheating plate about 3-5 minutes, make the temperature be the setting values then carry on the next step.
 - II. Finishing, Press the “OFF” button, the preheating plate will cool down then shut off automatically. **Attention: Don't close the power switch until the machine fully cooled down.**
 - III. The preheating temperature set: If the PCB board contains lead, adjust the infrared preheating plate temperature 10 0°C - 120°C; if not, adjust to 120°C - 140°C. You can also set the preheating temperature according to the user's experience and technology.
4. Machine Installation and adjustment:

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- I. 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°C, selects the PID percentage adjustment method; and if the preheating temperature is higher than 250°C, use the total pressure flow-through heating way.

Adjustment method:

1. Press the “↑” (up) power-on, display: C=?
2. Press the “↑” (up) chooses 0 or 1, every press the status change one time, C=0 is PID percentage adjustment, C=1 is switching control.
3. Press “↓” (down) OK.

Cautions!

1. After finishing, don't turn off the power immediately; make sure the infrared preheating plate is completely cooled down.
2. Keep the ventilation free-flowing, the infrared preheating plate can be cleaned with dehydrated alcohol. Clean it regularly!
3. The high temperature operations, pay attention, avoid scalding.
4. If you don't use the machine for a long time, you'd better pull the power source plug!

Warranty!

The whole machine maintains for one year and the spare parts maintains for three months. Please contact technical support or email info@smtmax.com

Statement:

If there is any difference between the users operating manual and actual product, according to the actual product, please contact us!

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Thank you for purchasing SMTmax T-8280!

For technical support, please contact us @ **(877) 589 -9422** or email at info@smtmax.com