ST-7500/ST-7800 ESD SAFE

Preheater

Features

- Three sets of quick parameter design for quick temperature switching.
- Temperature locking function to prevent personnel from mistakenly adjusting the temperature.
- Sensor closed-loop PID control ensures precise and stable temperature.
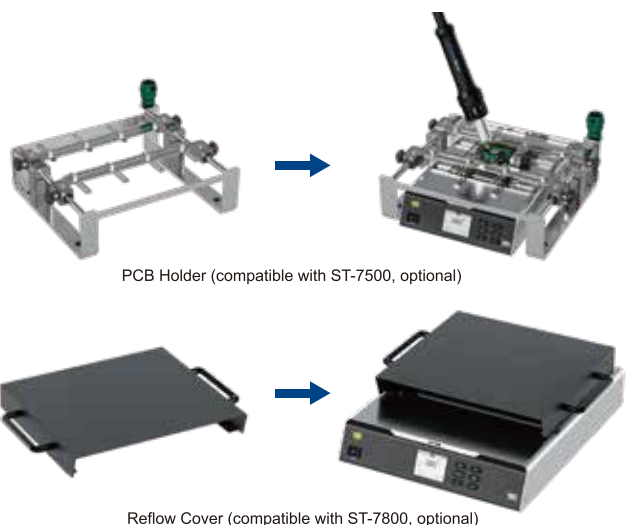- Available for preheating circuit boards and other processes that require uniform heating.

ST-7500   ST-7800

Specification

Model	ST-7500	ST-7800
Voltage	AC 230V±10% 50Hz（110V±10% 60Hz）	
Power	400W	800W
Temperature range	50~500℃	50~350℃
Heating area	120x120mm	200x180mm
Heating material	Infrared Ceramic	Aluminum Plate
External K-type thermocouple	Support（temperature measurement range 0~650℃）	
Communication function	Support（RS485 interface）	
Temperature Lock	Support	
Dimensions（Main Unit）	278(L)x203(W)x73(H)mm	355(L)x293(W)x73(H)mm
Weight（Main Unit）	≈2.4kg	≈5.1kg

Package List

Model	Package list
ST-7500	Main unit x1 Grounding wire x1 Power cord x1
ST-7800	K-type thermocouple test sensor x1 User manual x1 Certificate x1

Preheater Accessories

PCB Holder (compatible with ST-7500, optional)

Reflow Cover (compatible with ST-7800, optional)

Temperature Measurement

After connecting the K-type thermocouple, the measured temperature data is displayed

Attention: The insertion of the positive and negative poles of the K-type thermocouple must correspond to the positive and negative poles of the machine panel

Connected via RS485 serial port

Online Function

Preheating Section Setting Temperature

ST-7800 Heating Reflow Profile

The first stage is preheating and heating up, Temperature 150 ℃

Second stage preheating and heating up，Temperature 250 ℃

Continuous constant temperature of 250 ℃,Time 300s

Continuous constant temperature of 150 ℃,Time 300s

°C: 300, 250, 200, 150, 100, 50

S: 0, 200, 400, 600, 800, 1000, 1200