

# ST-9003D/ST-1203D/ST-1503D+/ST-3003D ESD SAFE

## Heavy Duty Soldering Station

### Features

- Principle of high-frequency eddy current heating.
- Three sets of quick temperature storage, switch freely.
- Adjustable intelligent sleep standby, effectively ensuring safety and extending product lifespan.
- One click infrared temperature calibration function, quickly calibrate the temperature of the product.

### Specification

Model	ST-9003D	ST-1203D	ST-1503D+	ST-3003D
Voltage	AC 230V±10% 50Hz (110V±10% 60Hz)			
Power	90W	120W	150W	300W
Temperature Range	80°C~500°C		80°C~600°C	80°C~600°C
Heating Principle	High Frequency Eddy Current Heating			
Handle Model	SP-H090	SP-H120	SP-H150+	SP-H300
Handle Power	≥90W	≥120W	≥150W	≥300W
Heater	HS-3090H	HS-3120H	HS-3150H	HS-3300H
Soldering Tips	T300 Series	T120 Series	T500 Series	T330 Series
communication Function	Support (RS485)			
IR Temperature Calibration	Support			
Tip-to-ground Resistance	≤2Ω			
Tip-to-ground Potential	≤2mV			
Dimension(Main Unit)	200X125X120mm			240X125X120mm
Weight(Main Unit)	≈3kg	≈3.3kg	≈3.72kg	≈2.3kg

### Package List

Model	Packing List	Package parameters
ST-9003D		Inner box package: 290x260x185mm G.W.: ≈4.16kg Outer box package: 535x305x395mm(4 PCS/Carton) G.W.: ≈17.5kg
ST-1203D	Main unit x1 Power cord x1 User manual x1 Soldering iron handle x1 Iron stand x1 Ground wire x1 Certificate x1	Inner box package: 290x260x185mm G.W.: ≈4.46kg Outer box package: 535x305x395mm(4 PCS/Carton) G.W.: ≈19kg
ST-1503D+		Inner box package: 290x260x185mm G.W.: ≈4.82kg Outer box package: 535x305x395mm(4 PCS/Carton) G.W.: ≈20.4kg
ST-3003D	Main unit x1 Iron stand x1 Soldering iron handle x1 Ground wire x1 Power cord x1 Hex wrenches x1 Certificate x1 User manual x1	Inner box package: 306x276x200mm G.W.: ≈3.28kg Outer box package: 570x320x425mm(4 PCS/Carton) G.W.: ≈14kg



### Linkage Function

Support collaboration with fume extractor.



RS485 communication interface connected



Can be used with ST-1090 temperature tester for one click temperature calibration.

### Infrared Temperature Calibration

### Communication Function

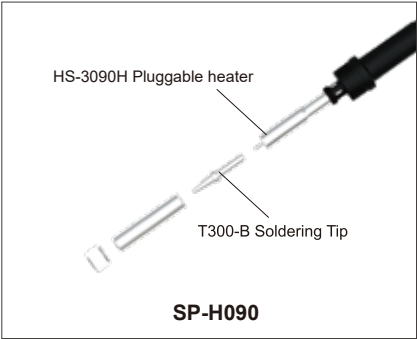
#### RS485 interface

Connect the computer and set various parameters through the upper computer software.

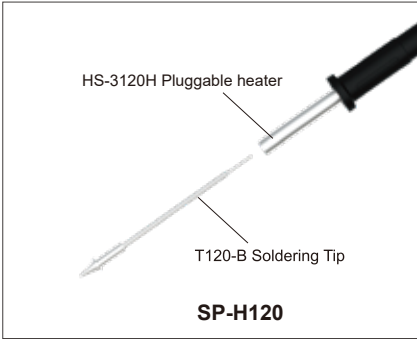


Remote process control

## Replacement of Heating Components



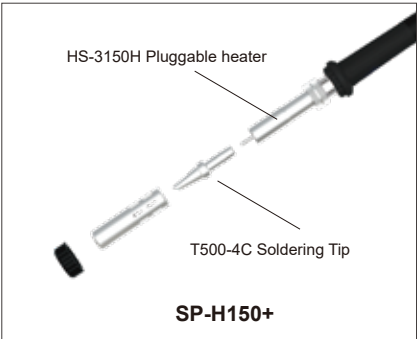
T300 series soldering iron tip details in page 13



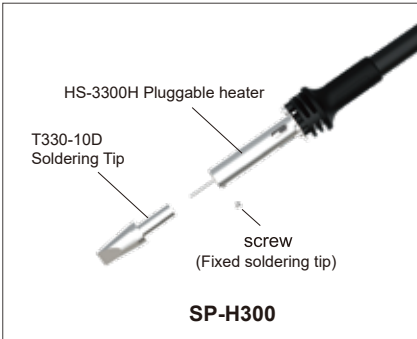
T120 series soldering iron tip details in page 13



You can choose a soldering tip according to your needs, suitable for various soldering processes  
(Bent tip soldering iron tip, suitable for soldering in narrow spaces)



T500 series soldering iron tip details in page 13



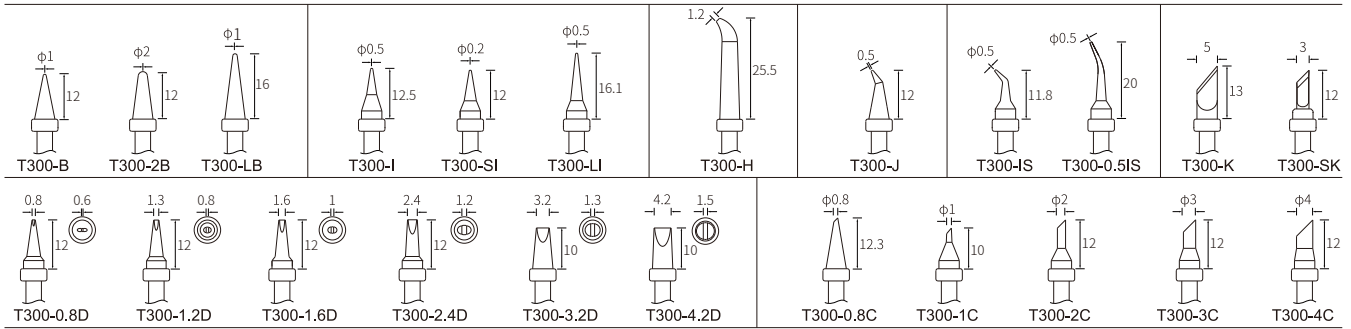
T330 series soldering iron tip details in page 13



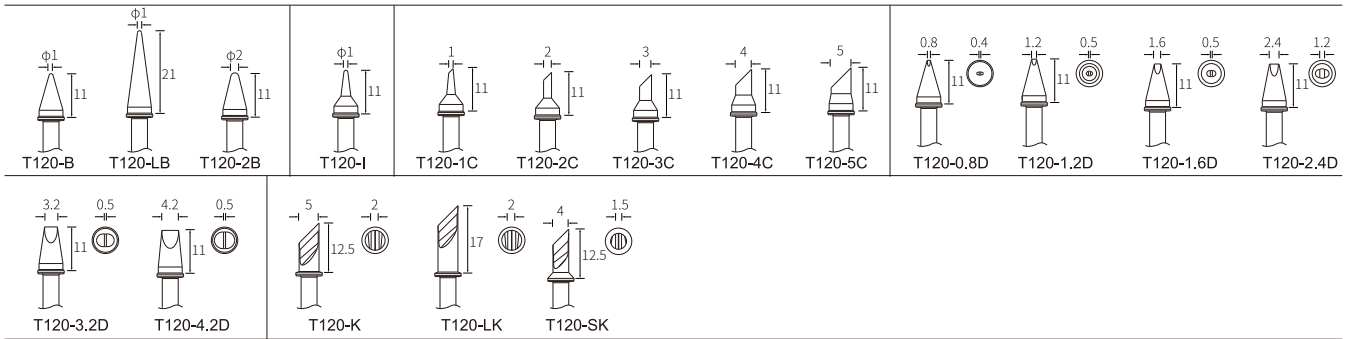
You can choose a soldering tip according to your needs to easily handle large solder joint processes  
(Groove shaped soldering tip, sufficient soldering flux)


Optional Soldering Tips

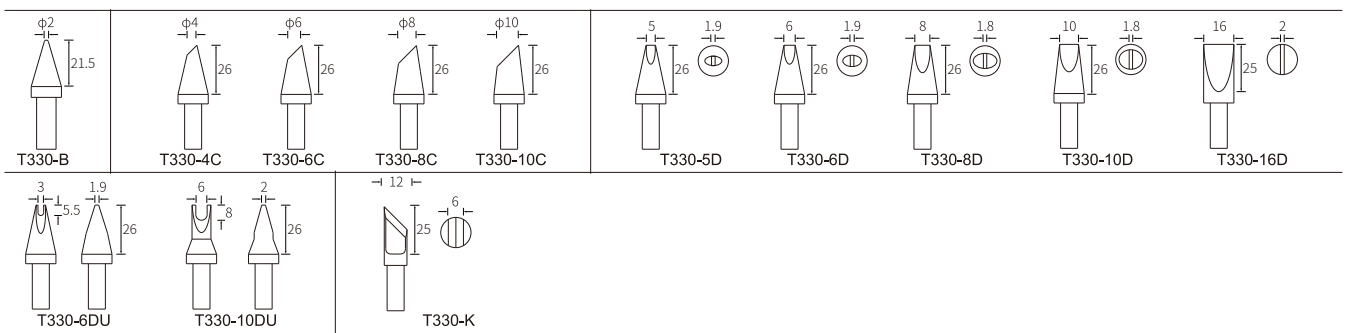
**T300**  (Applicable model: ST-9003D)



**T120**  (Applicable model: ST-1203D)



**T330**  (Applicable model: ST-3003D)



**T500**  (Applicable model: ST-1503D+)

