ST-1503D+/ST-9003D/ST-1203D/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.

ST-1503D+   ST-9003D

ST-1303D   ST-3003D

Specification

Model	ST-1503D+	ST-9003D	ST-1303D	ST-3003D
Voltage	AC 230V±10% 50Hz（110V±10% 60Hz）			
Power	150W	90W	120W	300W
Temperature Range	80℃~600℃	80℃~500℃		80℃~600℃
Heating Principle	High Frequency Eddy Current Heating			
Handle Model	SP-H150+	SP-H090	SP-G120	SP-H300
Handle Power	≥150W	≥90W	≥120W	≥300W
Heater	HS-3150H	HS-3090H	HS-3120	HS-3300H
Soldering Tips	T500 Series	T300 Series	T121 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)	≈3.72kg	≈3kg	≈3.3kg	≈2.3kg

Package List

Model	Packing List
ST-1503D+	Main unit x1 Soldering iron handle x1
ST-9003D	Power cord x1 Iron stand x1 User manual x1 Ground wire x1
ST-1303D	Certificate x1
ST-3003D	Host x1 Soldering iron handle x1 Power cord x1 Certificate x1 Iron stand x1 Ground wire x1 Hex wrenches x1 User manual x1
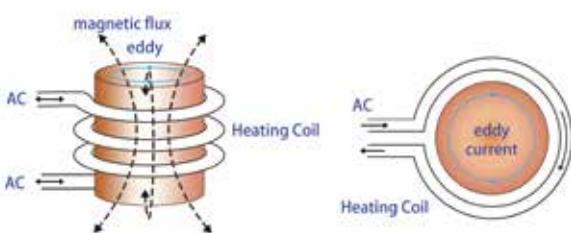
Linkage Function
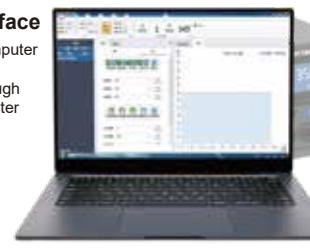Support collaboration with fume extractor.

RS485 communication interface connected

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

Infrared Temperature Calibration

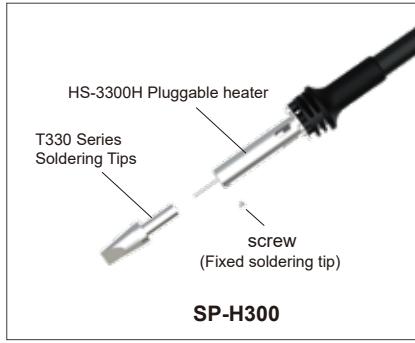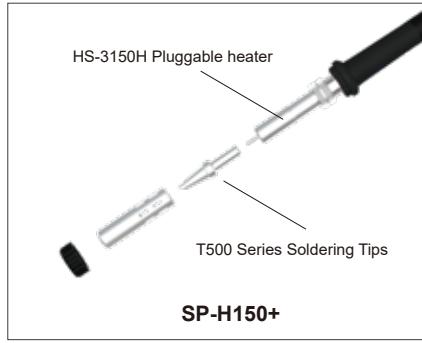## High Frequency Eddy Current Heating

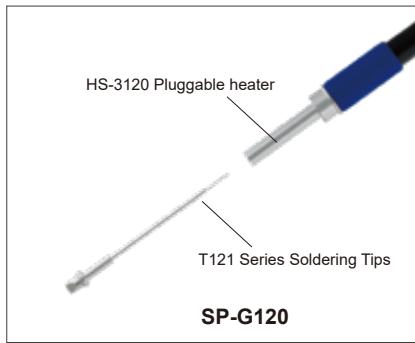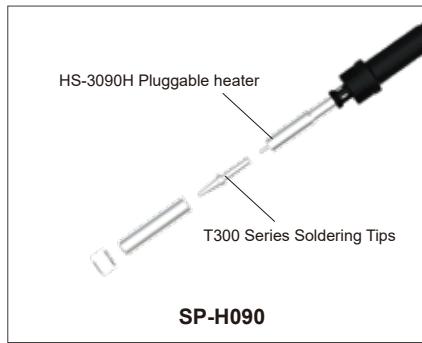## Communication Function

RS485 interface
Connect the computer and set various parameters through the upper computer software.

Remote process control

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Replacement of Heating Components

HS-3090H Pluggable heater

T300 Series Soldering Tips

SP-H090

HS-3120 Pluggable heater

T121 Series Soldering Tips

SP-G120

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)

HS-3150H Pluggable heater

T500 Series Soldering Tips

SP-H150+

HS-3300H Pluggable heater

T330 Series Soldering Tips

screw
(Fixed soldering tip)

SP-H300

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 Tips

T300 (Applicable model: ST-9003D)

T300-B	T300-2B	T300-LB	T300-I	T300-SI	T300-LI	T300-H	T300-J	T300-IS	T300-0.5IS	T300-K	T300-SK

| T300-0.8D | T300-1.2D | T300-1.6D | T300-2.4D | T300-3.2D | T300-4.2D | T300-0.8C | T300-1C | T300-2C | T300-3C | T300-4C |
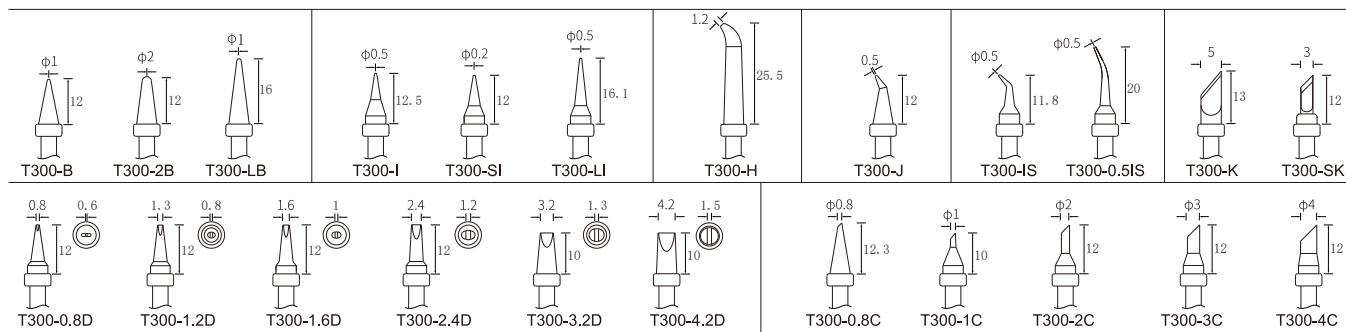
T121 (Applicable model: ST-1303D)

| T121-B | T121-2B | T121-LB | T121-I | T121-1C | T121-2C | T121-3C | T121-4C | T121-5C | T121-3CF | T121-0.8D | T121-1.2D |

| T121-1.6D | T121-2.4D | T121-3.2D | T121-4.2D | T121-5D | T121-SK | T121-LK | T121-K |
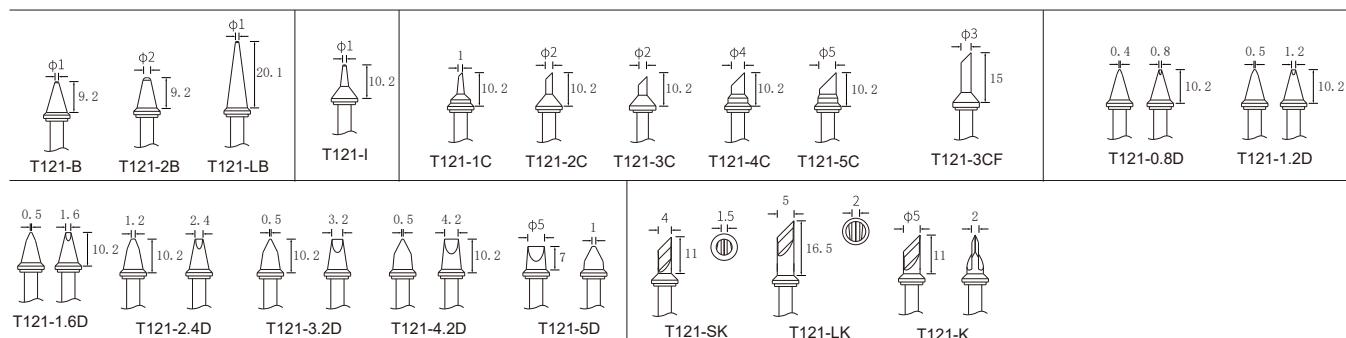
T330 (Applicable model: ST-3003D)

| T330-B | T330-4C | T330-6C | T330-8C | T330-10C | T330-5D | T330-6D | T330-8D | T330-10D | T330-16D |

| T330-6DU | T330-10DU | T330-K |
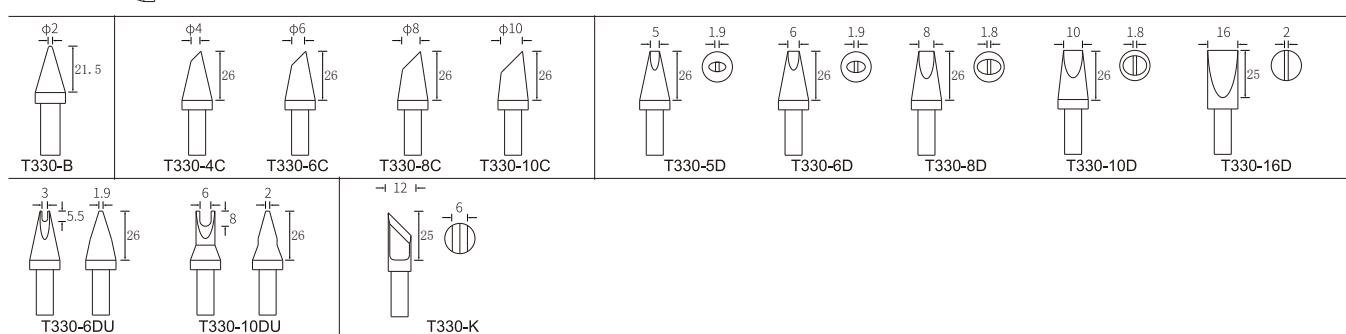
T500 (Applicable model: ST-1503D+)

| T500-B | T500-3C | T500-4C | T500-5C | T500-6C | T500-8C | T500-3.5D | T500-5D | T500-8D |

| T500-SK | T500-K | T500-2.0SK | T500-2.5SK |

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