

授权经销商  
合作信息贴贴处  
THE COOPERATION INFORMATION  
OF AUTHORIZED  
DEALERS SHALL BE AFFIXED

**Bakon®**



**BAKON TOOLS  
CREATE FUTURE**

**Contact us**  
**Shenzhen Bakon Electronic Technology Co., Ltd.**

Telephone: 400-0988-936

Office: 4th Floor, Ruihui Building, Gongming Street, Guangming New District, Shenzhen

Factory: Building 7, Yufa Jinrong Information Technology Park, Intersection of Xingang Avenue and  
Ruta Road, Aviation Port District, Zhengzhou city, Henan Province

Factory: Gold Building, Yufa Jin Rong Ruifu Industrial Park, West of North Jiefang Road, Xuedian Town  
Xinzheng City, Zhengzhou City, Henan Province



***Soldering station & Soldering spare parts***

*Desoldering station  
Static control equipments & Spare parts  
Industrial tools*

**Shenzhen Bakon Electronic Technology Co., Ltd.**



## SHENZHEN BAKON ELECTRONIC TECHNOLOGY CO. , LTD.

Shenzhen BAKON Technology Co., Ltd. (BAKON) is the world's first intelligent electrostatic protection service provider, and the drafting unit of static electricity and soldering industry standards. It specializes in the overall solution of static electricity prevention and control, automated lean production solutions. The company is committed to the research and development, production and sales of rework solder tools, brushless and smart electric screwdriver, and instruments and meters. It is a well-known domestic electronic tool service provider, a national high-tech and Shenzhen high-tech double-high certification enterprise.

The company has a group of R&D, production, scientific research and technical personnel and an excellent management team, We adhering to the service concept of "pursuing innovation" and the business tenet of "based on technology, creating a world brand", pursuing the corporate philosophy of "customer first, pursuit of excellence", continues to innovate, develop and update products, continuously provide customers with the most advanced tools, and create higher market value and benefits.

Since its development, the company has successively obtained ISO9001:2015 international quality management system certification, military certification, and obtained hundreds of invention patents, utility model patents, appearance patents, software copyrights, etc.; it has cooperated with Huawei, Xiaomi, ZTE, Gree, Hisense, and Huaxing Optoelectronics. Many well-known enterprises such as, Truly, and state-owned enterprises such as CRRC and Mianyang Ninth Institute have reached in-depth cooperation,

and have provided services to more than 250 universities such as Peking University, Fudan University, Wuhan University, Zhejiang University and Xiamen University ; Our business and product sales spread to dozens of countries around the world, and have been highly praised in the industry, we have been becoming a trusted partner of customers.





## STATIC CONTROL PRODUCTS AND SOLDERING TOOLS MANUFACTURING FACTORY

Address 1: Building 7, Yufa Jinrong Information Technology Park, Intersection of Xingang Avenue and Ruta Road, Aviation Port District, Zhengzhou city, Henan Province

Address 2: Gold Building, Yufa Jin Rong Ruifu Industrial Park, West of North Jiefang Road, Xuedian Town, Xinzheng City, Zhengzhou City, Henan Province

Address 3: 3rd Floor, Building A, Pengzhou Science park, Fubili, Yanluo Street, Bao 'an District, Shenzhen, Guangdong

## ELECTRIC SCREWDRIVER MANUFACTURING FACTORY

**4 / F, RUIHUI BUILDING, INTERSECTION OF FULI SOUTH  
ROAD AND FANGYUAN ROAD, MATIAN STREET,  
GUANGMING DISTRICT, SHENZHEN**





## Well-known cooperative clients



# BK861

## Smart hot air desoldering station

1. Use high-definition large LCD color screen display.
2. There are three working channels of CH1, CH2 and CH3, and the air volume and temperature of each channel can be set.
3. With password protection function and key lock function.
4. Magnetic switch in a stand can automatically puts the station into sleep mode when not in use.
5. With automatic sleep function, parameters can be set in sleep state.
6. The sensor is closed loop, the microcomputer triggers the temperature control by zero crossing the power is large, the temperature rises quickly, the temperature adjustment is convenient and accurate and stable, and it is not affected by the air volume.
7. The brush-less vortex fan is adopted, the air flow is adjustable, the range is large, and it can be adapted to various purposes.
8. The system is equipped with an automatic large air volume cooling function to extend the life of the heating element and protect the hot air handle.



### Specifications:

Model	BK861
Power/temperature range	1000W/ 100°C-500°C
Hot air flow level /Max hot air flow rate	1-120Level/ 250L/min
Size/weight	L190xW260xH130+5mm / about 5.1kg
Working environment	-10-45°C/ 45-80% Rh
Screen display	HD LCD display
Fan type	Brushless vortex fan
Temperature calibration	Digits calibration
Temperature control method	Microcomputer temperature control



hot air gun holder



Nozzle



# BK862

## Intelligent dual-control hot air desoldering station

1. Use high-definition large LCD color screen display.
2. There are three working channels of CH1, CH2 and CH3, and the air volume and temperature of each channel can be set.
3. With password protection function and key lock function.
4. Magnetic switch in a stand can automatically puts the station into sleep mode when not in use.
5. With automatic sleep function, parameters can be set in sleep state.
6. The sensor is closed loop, the microcomputer triggers the temperature control by zero crossing the power is large, the temperature rises quickly the temperature adjustment is convenient and accurate and stable, and it is not affected by the air volume.
7. The brush-less vortex fan is adopted, the air flow is adjustable, the range is large, and it can be adapted to various purposes.
8. The system is equipped with an automatic large air volume cooling function to extend the life of the heating element and protect the hot air handle.
9. It can interact with automation equipment online to realize information management.



### Specifications:

Model	BK862
Power/temperature range	2000W/100°C-500°C
Hot air flow level /Max hot air flow rate	1-120Level/ 250L/min
Size/weight	L 190xW260xH130+5mm / about 6.4kg
Working environment	-10-45°C/ 45-80% Rh
Screen display	HD LCD display
Fan type	Brushless vortex fan
Temperature calibration	Digits calibration
Temperature control method	Microcomputer temperature control
I/O control port	Sleep signal/alarm output/temperature OK signal



hot air gun holder



Nozzle

# BK863

## Intelligent dual-control hot air desoldering station

1. Use high-definition large LCD color screen display.
2. There are three working channels of CH1, CH2 and CH3, and the air volume and temperature of each channel can be set.
3. With password protection function and key lock function.
4. Magnetic switch in a stand can automatically puts the station into sleep mode when not in use.
5. With automatic sleep function, parameters can be set in sleep state.
6. The sensor is closed loop, the microcomputer triggers the temperature control by zero crossing the power is large, the temperature rises quickly the temperature adjustment is convenient and accurate and stable and it is not affected by the air volume.
7. The brush-less vortex fan is adopted, the air flow is adjustable, the range is large, and it can be adapted to various purposes.
8. The system is equipped with an automatic large air volume cooling function to extend the life of the heating element and protect the hot air handle.
9. It can interact with automation equipment online to realize information management.



BK1380 heating core



600M soldering iron tip



BK515 soldering iron stand



BK 906 handle



Nozzle



hot air gun holder

### Specifications:

Model	BK863
Power/temperature range	1000+90W
Hot air flow level /Max hot air flow rate	1-120Level/ 250L/min
Size/weight	L190xW260xH130+5mm / about 5.7kg
Working environment	-10-45°C/ 45-80% Rh
Screen display	HD LCD display
Fan type	Brushless vortex fan
Temperature calibration	Digits calibration
Temperature control method	Microcomputer temperature control



# BK180H/300H

## Automatic lead-free soldering station

1. The intelligent IoT welding control system is a new type of IoT welding station control mode that combines welding process information processing, welding robots, network transmission and intelligent remote control systems. The network remote terminal can send the welding process information to the relevant welding robot through the welding station and the control network access, and the working conditions and welding process of the welding robot can be remotely monitored and controlled through the control terminal. The network control terminal can manage and control a single or multiple suitable welding robot equipment clusters, which is very suitable for large-scale high-automation welding requirements.
2. The welding station adopts advanced 32-bit ARM4 microprocessor for work management and control, communicates with the control terminal through wired or wireless network, and processes the welding process information with the welding robot through RS 485 communication or I/O interface.
3. The soldering station can estimate the remaining service life of the consumables of the heating core and the soldering iron tip, and give an alarm in advance when the service life of the soldered components is about to be reached.
4. The control terminal can summarize, analyze, summarize, and notify the abnormality of the working condition information of the welding robot. Data summary analysis and sorting out the loss data of welded components.
5. The soldering station has a built-in grounding resistance or leakage voltage detection module and a monitoring module can be selected according to actual production needs.

### function display



# Product Features

1. Adopt high-power heating core, sufficient power output.
2. Perfect self-check and automatic protection function.
3. Cluster network monitoring and control, data acquisition and analysis.
4. Ethernet network communication framework networking mode.
5. Use wired/wireless networking.
6. 10M-100M/2.4G network communication.
7. Network remote work status control.
8. Adopt RS485 standard communication protocol to communicate with welding robot.
9. Single or multiple/cluster work.
10. Rich I/O control interface, suitable for automated welding applications.
11. Welding process information processing, automatic adjustment of welding parameters.
12. Various alert prompts.
13. The alarm signal light can be controlled externally.
14. Temperature-controlled grounding detection (resistance/leakage voltage).
15. Welding analog/digital output function.
16. Welded parts life early warning function.
17. Welding temperature curve display.
18. Chinese/English menu switch.
19. Fahrenheit/Celsius temperature switch.
20. High temperature stability and rapid temperature recovery.
21. Normal working/abnormal signal output.
22. Welding process parameter information editing function.
23. The temperature in the welding station is too high, and it automatically alarms and protects.

## Specifications:

Model	BK180H/BK300H
Applicable ambient temperature	-10-45°C
Applicable ambient humidity	45-80%RH
Rated operating voltage	AC230V
Rated fuse	AC250V 3A/5A
Host rated power	180W/300W
maximum output capacity	AC24V±1V
Rated handle power	150W/280W
temperature control range	100-480°C/212-896°F
temperature stability	±2°C (static)
Temperature Correction Range	±50°C/+90°F
Network communication	wired / wireless
Network Type	Ethernet/2.4G WiFi
Earth resistance/leakage voltage	4Ω/2mV
I/O allowable voltage	DC24V (PLC control voltage)
I/O allowable current	10mA-3mA (PLC control current)
Dimension	L118*W126*H272 mm



# BK180H/300H

## Automatic lead-free soldering station

1. Intelligent welding control system is a new type of welding station control mode that combines welding station, welding process information processing, and welding robot system. Very suitable for automated welding needs.
2. The welding station adopts an advanced 32-bit ARM4 microprocessor for work management and control. The control terminal can summarize, analyze, summarize, and notify abnormalities of the welding robot's working condition information.
3. The soldering station can estimate the remaining service life of the heating core and soldering iron tip consumables, and warn in advance when the service life of the soldering components is about to reach.



## Function display:

High frequency and high power

Fast temperature rise, rapid temperature recovery, meeting high-speed welding and large spot welding

High frequency and high power

Fast temperature rise, rapid temperature recovery, meeting high-speed welding and large spot welding

POST

Active self-test, grounding, leakage detection, heating core detection

Temperature warning

If the upper and lower limits of the set temperature are exceeded, the machine will automatically warn the user

Process storage

Different welding processes are set for different products, up to 100 groups of processes can be switched

Consumable life analysis

Set the working life time, and warn the working status of the heating core and the soldering iron tip

Robot communication

MODBUS-RTU protocol and standard data format to realize interaction with robots

Large screen display

Break through the tradition, large LCD color screen, data and function display more intuitive

Multi-language version

The interface has built-in Chinese and English languages, which can be used in a multi-regional working environment

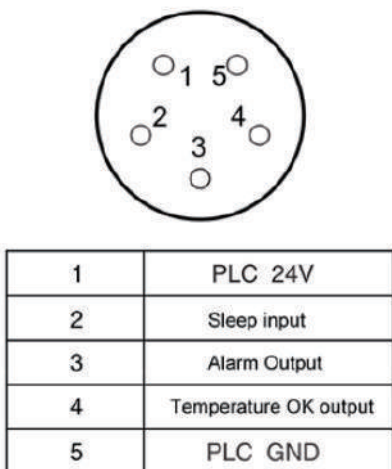
## Features

- 
- A line drawing of a control panel. At the top is a large circular button with a radial pattern. Below it, on the left, is a rectangular button with a small house-like icon. To its right are two circular buttons, each with a different pattern of dots. Further right is a rectangular button with a vertical line. Below these are two small circular buttons, one on the left and one on the right. In the center is a small rectangular button. At the bottom are two small circular buttons, one on the left and one on the right. The entire panel is enclosed in a rectangular frame.

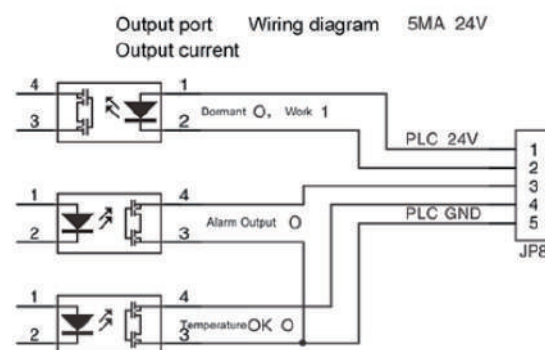
## Specifications:

Model	BK180S/BK300S
Applicable ambient temperature	-10-45°C
Applicable environmental humidity	45~80%RH
Rated voltage	AC230V
Rated fuse	AC250V 3A/5A (slow break)
Host rated power	180W/300W
Rated handle power	150W/280W
Temperature control range	100-480°C/212-896°F
Temperature stability	±2°C
Temperature offset value	±50°C/±90°F
Tip to ground resistance/tip to ground potential	4Ω/2mV
I/O allowable voltage	DC24V (PLC control voltage)
I/O allowable current	10mA-3mA (PLC control current)
Dimension	L116XW126xH272mm

## Interface definition:



Wiring definition of signal output port:





# BK805

## Intelligent temperature control wire hot stripper

1. Hd large screen display, small body;
2. New driving circuit design, fast heating speed;
3. Microcomputer control, high temperature stability;
4. Three quick temperature adjustment, one key to preset temperature;
5. With hibernation function, prolong the service life of heating body;
6. Handle with patented ergonomic design, feel comfortable;
7. Password protection prevents device data from being modified at will.



### Specifications:

Model	BK805
Operating Voltage	AC 230V / 50Hz
Temperature range	150°C ~ 650°C
Max output power	65W
Input voltage	DC 8V
Temperature stability	±5°C
Dimensions	L 150xW130xH99mm
Weight	≈ 2.0/2.3Kg

# BK601S

## integrated high efficiency soldering station

1. HD large screen display, small body.
2. New driving circuit design, fast heating speed.
3. Microcomputer control, high temperature stability.
4. Three quick temperature adjustment, one key to the preset temperature.
5. Auto sleep function to prevent oxidation of soldering iron tip.
6. Abnormal alarm of heating core.
7. Handle with patented ergonomic design, feel comfortable.
8. Password protection, to avoid the parameters are modified at will.



### Specifications:

Model	BK601S
Input voltage	AC 230V / 50Hz
Temperature range	180°C ~ 480°C
Max output power	90W
Tip to ground resistance	≤2Ω
Dimensions	160*165*105mm
Weight	≈0.75/1.2Kg



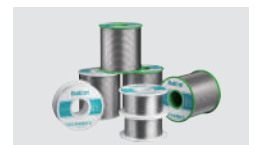
BK902S handle



BK1370 heating core



BK900M soldering tip



Solder wire



# BK602S

## Integrated efficient comprehensive soldering station

1. HD large screen display, small body.
2. Two-in-one design, save working space, and each function can be used independently.
3. Visual operation panel, adjustable air volume and temperature, suitable for removing all kinds of QFP, SOP, PLCC or SOJ chips.
4. Anti-static design, Effectively protect electrostatic sensitive components.
5. Automatic cooling system to prevent overheating of heating elements.
6. High thermal efficiency, fast heating speed, stable temperature.
7. Password protection to avoid modification of the production process.



### Specifications:

Host	Model	BK602S
	Output Power	640W
	Input voltage	AC230V / 50Hz
	Working environment	-5-45°C
	Display form	LCD digital tube
	Dimensions	L160xW165xH105mm
Hot air gun	Airflow type	Air pump
	Air flow volume	120L/Min
	Temperature adjustment range	100°C-500°C
	Temperature stability	±3°C
Soldering part	Temperature adjustment range	180°C~480°C
	Temperature stability	±2°C
	Tip to ground resistance	≤2Ω



BK900M soldering tip



BK853B heating element



nozzle



BK902S handle



HF602S-853B handle

# BK601PRO

## integrated high efficiency soldering station

1. High-definition large screen display and compact body;
2. New drive circuit design, high thermal efficiency;
3. Microcomputer control, high temperature stability;
4. Three-level temperature adjustment shortcuts, one-key rise to the preset temperature;
5. With sleep function to prevent the soldering iron tip from oxidation;
6. Adaptive C115, C210, C245 Heating core, wide application range.



### Specifications:

Model	BK601PRO
Input voltage	AC 100~240V / 50Hz
Temperature range	150°C ~ 480°C
Max output power	C115/35W C210/55W C245/120W
Tip to ground resistance	≤2Ω
USB output voltage	5V(3A)
Dimensions	160*165*105mm
Weight	≈1Kg



210-A Soldering  
Iron Handle



C210 heating core

# BK602PRO

## Integrated efficient comprehensive soldering station

1. High-definition large screen display and compact body;
2. New drive circuit design, high thermal efficiency;
3. Microcomputer control, high temperature stability;
4. Three-level temperature adjustment shortcuts, one-key rise to the preset temperature;
5. With sleep function to prevent the soldering iron tip from oxidation;
6. Adaptive C115, C210, C245 Heating core, wide application range.



### Specifications:

Host	Model	BK602PRO
	Output Power	670W
	Input voltage	AC110V / 50Hz
	USB Output Voltage	5V(3A)
	Net Weight	≈1.3kg
	Dimensions	160*165*105MM
Hot air gun	Output Power	550W
	Air flow volume	120L/Min
	Temperature adjustment range	100°C-500°C
	Heating element	853B
Soldering part	Output Power	C115/35W C210/55W C245/120W
	Temperature adjustment range	150°C~480°C
	Tip to ground resistance	≤2Ω



BK853B heating eleme



ntnozzle



210-A Soldering  
Iron Handle



HF602S-853B handle



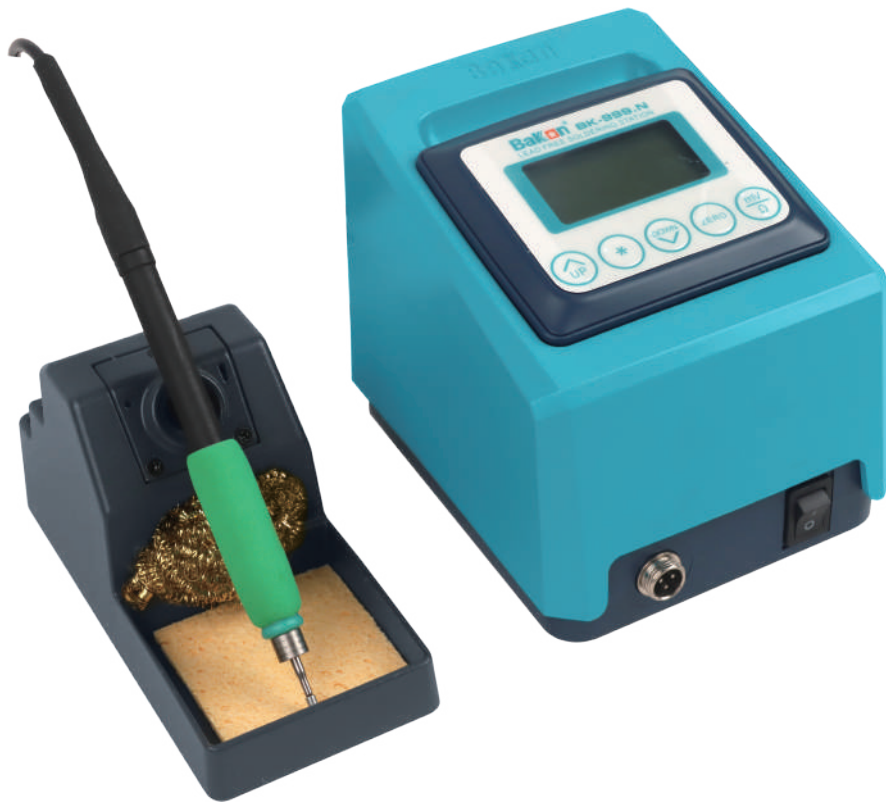
C210 heating core



# BK999N

## Lead-free soldering station

1. Large LCD display with simple and beautiful interface.
2. Fast heating speed, only 3 seconds from 0 to 350°C.
3. High temperature stability, no-load constant temperature deviation of  $\pm 2^{\circ}\text{C}$ .
4. With sleep function, users can set sleep time.
5. It can be equipped with an optional detection box to test the grounding resistance and leakage voltage of the soldering station in real time.



### Specifications:

Model	BK999N
Input voltage	AC230V/50Hz
Rated power BC210	60W
Temperature range	BC210:100-430°C
Temperature stability	$\pm 2^{\circ}\text{C}$ (indoor environment, no load)
Host dimension	L120xW139xH120mm
Net weight/gross weight	$\approx 2.58/2.88\text{kg}$
Tip to ground resistance	$< 2\Omega$
Tip to ground potential	$< 2\text{mV}$
Handle length	250mm
Handle cable length	1.1M



210-A Soldering Iron Handle



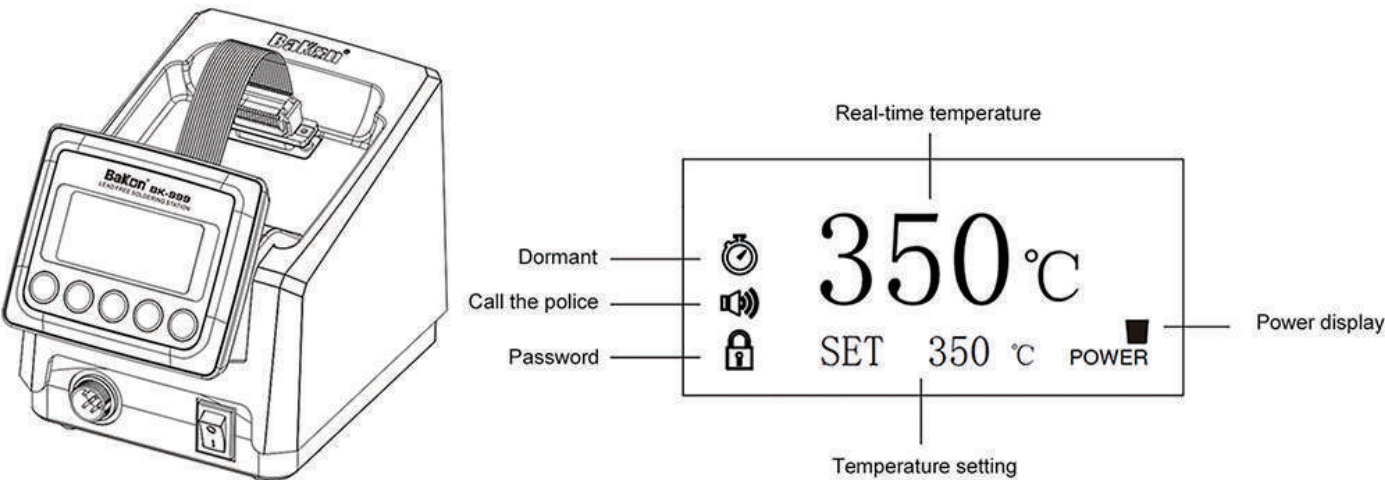
Sleep cord



BK517 soldering iron stand

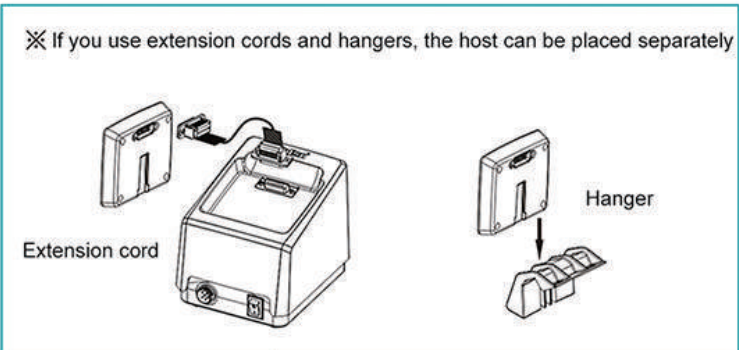
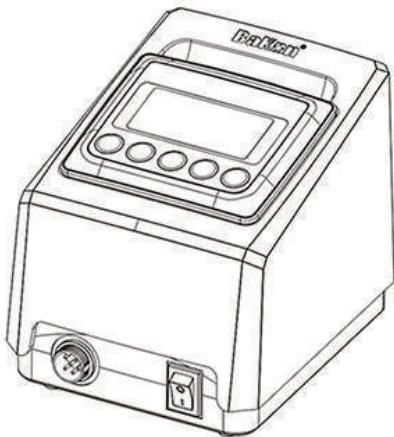
Show description

The display box can be flexibly placed, and you can place it as you want. The large clear LCD screen looks tall and high-grade, easy to read and confirm.



Connection between display box and host

Assemble the display box in the host slot



Connect	Measure mV	Measure Ω
<p>Test box</p> <p>Test box accessory line</p>		

# BK60/90

## Efficient constant temperature soldering station

1. High-definition large-screen display, beautiful interface.
2. Short-circuit protection of heating core, abnormal sensor alarm.
3. New drive circuit design, fast heating speed.
4. Adopt aviation foolproof socket, good contact, high stability.
5. Three-level quick temperature adjustment, one key to rise to the preset temperature.
6. The handle adopts patented ergonomic design, and feels comfortable.
7. Microcomputer control, high temperature stability.
8. Use plug-in ceramic heating core, easy to replace.
9. It has a sleep function to prevent oxidation of the soldering iron tip.
10. Password protection to avoid illegal modification of settings.



### Specifications:

Model	BK60/90
Operating Voltage	AC230V/50HZ
Operating temperature range	200-480°C
Maximum instantaneous power	60/90
Temperature stability (no load)	±2°C
Resistance of soldering iron tip to ground	<2Ω
Potential of the soldering iron tip to the ground	≤2mV
Dimension	L150xW130xH99mm
Correction method	Potentiometer calibration



Heater BK1380



Sensor S1380



600M soldering iron tip



BK512 soldering iron stand



BK 906 handle



# BK1000

## Eddy current heating lead-free soldering station

1. High-frequency eddy current heating, fast heating and reheating speed, more suitable for low-temperature welding places to achieve high-quality lead-free welding.
2. Microcomputer control, button type temperature adjustment.
3. Password type temperature lock function, effectively guarantee the production process.
4. Anti-static design, a variety of soldering iron tips to choose from.



### Specifications:

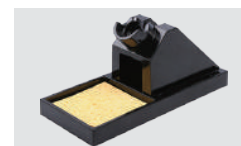
Model	BK1000
Operating Voltage	AC230V/50Hz
Temperature range	200°C ~500°C
Max output power	90W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L145xW125xH95mm
Password lock function	Have



VH90 heating core



200M soldering iron tip



BK506A soldering iron stand

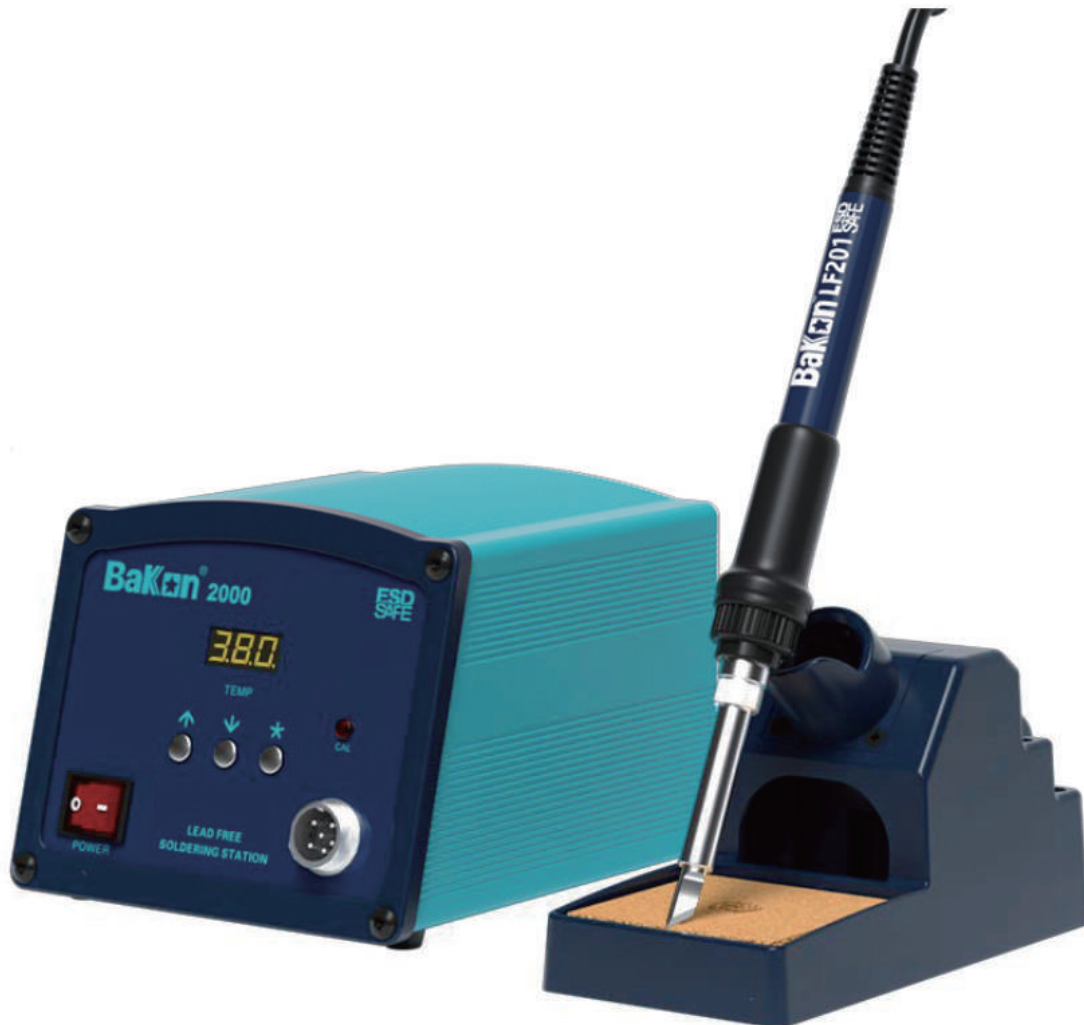


LF100 handle

# BK2000

## Eddy current heating lead-free soldering station

1. High-frequency eddy current heating, fast heating and reheating speed, more suitable for low-temperature welding places to achieve high-quality lead-free welding.
2. Microcomputer control, button type temperature adjustment.
3. Password type temperature lock function, effectively guarantee the production process.
4. Anti-static design, a variety of soldering iron tips to choose from.



### Specifications:

Model	BK2000
Operating Voltage	AC230V/50Hz
Temperature range	200°C ~500°C
Max output power	120W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L150xW130xH105mm
Password lock function	Have



VH90 heating core



200M soldering iron tip



BK512 soldering iron stand



LF201 handle

# BK2000A

## Eddy current heating lead-free soldering station

1. High-frequency heating principle, rapid heating and abundant heat.
2. The sensor is front-facing, sensitive to temperature, and instantaneous heat compensation.
3. Metal shell, high level of anti-static, equipped with cooling fan, low temperature of the host can effectively reduce the life loss of electronic components.
4. If the soldering station is not used for 20 minutes, the host enters the dormant state, which can increase the service life of the soldering iron tip.
5. The password locks the temperature, which is more conducive to the control of the welding process.
6. Equipped with a temperature correction hole to correct the temperature at any time to meet the strict requirements of the special original device on the welding temperature.
7. If the soldering station is not used for 60 minutes, the host will automatically shut down, saving energy and no safety hazards.



### Specifications:

Model	BK2000A
Operating Voltage	AC230V/50Hz
Temperature range	50°C-600°C
Max output power	90W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L165xW130xH105mm
Password lock function	Have
Sleep function	Have



VH90 heating core



200M soldering iron tip



BK512 soldering iron stand



LF202 handle



# BK2000S

## Eddy current heating lead-free soldering station

1. High-definition large-screen display. Small body.
2. New type of driving circuit identification, fast heating speed.
3. Microcomputer control, high temperature stability.
4. Three-level quick temperature adjustment, one key rises to the preset temperature.
5. With sleep function. Prevent oxidation of the soldering iron tip.
6. Short-circuit protection of heating element, abnormal sensor alarm.
7. The handle adopts ergonomic design and feels comfortable.
8. Password protection to avoid the production process from being changed at will.



### Specifications:

Model	BK2000S
Operating Voltage	AC100/240V
Temperature range	100°C ~480° C
Max output power	120W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L130xW180xH104mm
Password lock function	Have
Sleep function	Have



LF202C handle



H90C heating core



BK512 Soldering iron stand



200M soldering iron tip

# BK3300S

## Eddy current heating lead-free soldering station

1. High-definition large-screen display. Small body.
2. New type of driving circuit identification, fast heating speed.
3. Microcomputer control, high temperature stability.
4. Three-level quick temperature adjustment, one key rises to the preset temperature.
5. With sleep function. Prevent oxidation of the soldering iron tip.
6. Short-circuit protection of heating element, abnormal sensor alarm.
7. The handle adopts ergonomic design and feels comfortable.
8. Password protection to avoid the production process from being changed at will.



### Specifications:

Model	BK3300S
Operating Voltage	AC100/240V
Temperature range	100°C ~480°C
Max output power	200W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L130xW180xH104mm
Password lock function	Have
Sleep function	Have



LF301 handle



VH300 heating core



BK512 Soldering iron stand



500M soldering iron tip

# BK3300A

## Eddy current heating lead-free soldering station

1. The principle of high-frequency heating, rapid heating and abundant heat.
2. The sensor is front-facing, sensitive to temperature, and instantaneous heat compensation.
3. Plug-in design of heating element, easy and convenient to replace.
4. Metal shell, high anti-static level, equipped with cooling fan, low temperature of the host which can effectively reduce the life loss of electronic original components.
5. If the soldering station is not used for 20 minutes, the host enters the dormant state, which can increase the service life of the soldering iron tip.
6. The password locks the temperature, which is more conducive to the control of the welding process.
7. Equipped with temperature correction holes to correct the temperature at any time to meet the strict requirements for the welding temperature of special original components.
8. If the soldering station is not used for 60 minutes, the host will automatically shut down, saving energy and no safety hazards.



### Specifications:

Model	BK3300A
Operating Voltage	AC230/50V
Temperature range	50°C ~600°C
Max output power	150W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L215xW126xH106mm
Password lock function	Have
Sleep function	Have



VH300 heating core



500M soldering iron tip



BK512 soldering iron stand



LF301 handle

# BK3300D

## Eddy current heating intelligent lead-free soldering station

1. Hd large screen display, small body.
2. New driving circuit design, fast heating speed.
3. Microcomputer control, high temperature stability.
4. Hibernation function to prevent oxidation of soldering iron head.
5. Handle with patented ergonomic design, feel comfortable.
6. Password protection, to avoid the welding table parameters are modified at will;



### Specifications:

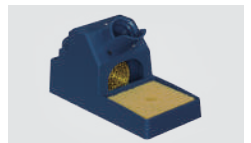
Model	BK3300D
Operating Voltage	AC 230V/50Hz
Temperature range	50°C ~ 600°C
Max output power	280W
Tip to ground resistance	$\leq 2\Omega$
Tip to ground potential	$\leq 2\text{mV}$
Dimensions	L215xW126xH106mm
Weight	$\approx 4.24\text{Kg}$



BK500M soldering tip



H300 heating core



BK515 soldering iron stand



BK911G handle



# BK968/968S

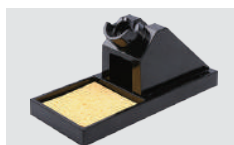
## High Efficiency Digital Display Constant Temperature Soldering Station

1. HD large screen display, small body.
2. new driving circuit design, fast heating speed.
3. microcomputer control, high temperature stability.
4. plug type heating core, easy to replace.
5. handle with professional ergonomic design, feel comfortable.
6. Password protection to avoid illegal modification of Settings.
7. with hibernation function to prevent oxidation of the iron head.



### Specifications:

Model	BK968
Operating Voltage	AC230V/50Hz
Temperature range	200°C-480°C
Max output power	90W
Temperature stability (no load)	±2°C
Tip to ground resistance	2Ω
Tip to ground potential	<2mv
Dimensions	L107xW140xH80mm
Weight	0.8Kg/0.95Kg



BK506A Soldering Iron Stand



BK1370S heating core

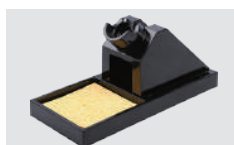


BK900M series soldering iron tips

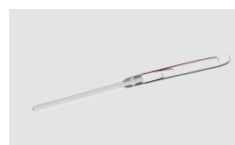


### Specifications:

Model	BK968S
Operating Voltage	AC230V/50Hz
Temperature range	180°C-480°C
Max output power	90W
Temperature stability (no load)	±2°C
Tip to ground resistance	2Ω
Tip to ground potential	<2mv
Dimensions	L107xW140xH80mm
Weight	0.8Kg/0.95Kg



BK506A Soldering Iron Stand



BK1370S heating core



BK900M series soldering iron tips

# BK969/BK969 Upgrades

## Efficient constant temperature soldering station

- 1.The heating element is made of imported temperature-resistant materials with advanced technology, and has a long life.
- 2.The heating element is powered by a low-voltage AC source to ensure anti-static, no leakage and no interference.
- 3.200~480°C temperature setting and control are stable and accurate.
- 4.The handle is light and handy, and there is no fatigue after long-term use.
- 5.Separate design, easy to place.



### Specifications:

Model	BK969
Operating Voltage	AC230V/50Hz
Temperature range	200°C~480°C
Max output power	70W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L135xW107xH83mm
Correction method	Potentiometer calibration
Weight	1.6Kg/1.8Kg



BK 905 handle



BK515 soldering iron stand



BK1321S heating core



900M soldering iron tip

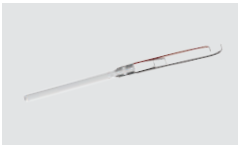


### Specifications:

Model	BK969 A1
Input voltage	AC 230V / 50Hz
Temperature range	200°C ~ 480°C
Max output power	90W
Tip to ground resistance	≤2Ω
Tip to ground potential	≤2mV
Dimensions	135*105*84mm
Weight	≈0.8/1.0Kg



BK515 soldering iron stand



BK1370 heating core



BK900M soldering iron tip



BK 902 handle

# BK969D+

## Efficient digital display constant temperature soldering station

1. Wide voltage power supply 100-240V.
2. High-definition large-screen display, compact body.
3. New drive circuit design, fast heating speed.
4. Microcomputer control, high temperature stability.
5. Adopt one-piece heating core, sensor abnormal reminder.
6. The handle adopts patented ergonomic design, and feels comfortable.
7. Password protection to avoid illegal modification of settings.
8. Saving life time with auto-sleep function.

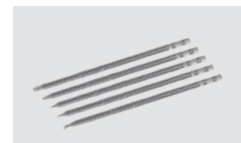


### Specifications:

Model	BK969D+
Operating Voltage	AC100/240V
Temperature range	180°C ~480°C
Max output power	75W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L128xW104xH79mm
Weight	0.8Kg/1.0Kg



BK515 soldering iron stand



T12 integrated heating core



LF008A Handle

# BK969C

## Digital display constant temperature soldering station

1. Wide voltage power supply 100-240V.
2. High-definition large-screen display, compact body.
3. New drive circuit design, fast heating speed.
4. Microcomputer control, high temperature stability.
5. Using an integrated heating core, the sensor is abnormal.
6. The handle adopts professional ergonomic design and feels comfortable.
7. Password protection to avoid misoperation to modify settings.
8. It has a sleep function to prevent oxidation of the soldering iron tip.



### Specifications:

Model	BK969C
Operating Voltage	AC100/240V
Temperature range	180°C ~450°C
Max output power	60W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L60xW62xH48mm
Weight	0.8Kg/1.0Kg



210-A Soldering Iron Handle



C210 heating core



BK515 soldering iron stand



# BK969A

## Efficient constant temperature soldering station

1. The heating element is made of imported temperature-resistant materials with advanced technology, and has a long life.
2. The heating element is powered by a low-voltage DC source to ensure anti-static, no leakage and no interference.
3. High temperature and anti-static wire.
4. Lightweight handle, no fatigue after long time use.
5. Split design, easy to place.



### Specifications:

Model	BK969A
Operating Voltage	AC100/240V 50/60Hz
Temperature range	200°C ~480°C
Max output power	60W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L135xW107xH83mm
Weight	0.8Kg/1.0Kg



BK1321S heating core



900M soldering iron tip



BK515 soldering iron stand



BK 905 handle

# BK969S

## Efficient digital display constant temperature soldering station

1. Wide voltage power supply 100-240V.
2. High-definition large-screen display, compact body.
3. New drive circuit design, high temperature rise stability.
4. The heating element is short-circuit protected, and the sensor is abnormal.
5. Password protection to avoid illegal modification of settings.



### Specifications:

Model	BK969S
Operating Voltage	AC100/240V 50/60Hz
Temperature range	200°C~480°C
Max output power	60W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L128xW104xH79mm
Weight	0.8Kg/1.0Kg



BK1321S heating core



900M soldering iron tip



BK515 soldering iron stand



BK 905 handle

# BK969D

## Efficient digital display constant temperature soldering station

1. Wide voltage power supply 100-240V.
2. High-definition large-screen display, compact body.
3. New drive circuit design, high temperature rise stability.
4. The heating element is short-circuit protected, and the sensor is abnormal.
5. Password protection to avoid illegal modification of settings.

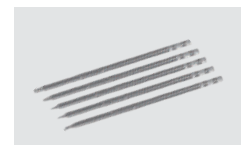


### Specifications:

Model	BK969D
Operating Voltage	AC100/240V 50/60Hz
Temperature range	180°C~480°C
Max output power	65W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L128xW104xH79mm
Weight	0.8Kg/1.0Kg



T12 integrated heating core



BK515 soldering iron stand



LF008 Handle

# BK969E

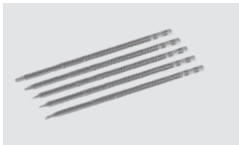
## High efficiency digital display constant temperature soldering station

1. wide voltage supply 100-240V.
2. HD large screen display, small body.
3. microcomputer control, high temperature stability.
4. new driving circuit design, fast heating speed.
5. the use of integrated heating core, sensor abnormal warning.
6. handle with professional ergonomic design, feel comfortable.
7. Password protection to avoid illegal modification of Settings.
8. It has hibernation function to prevent oxidation of soldering iron head.

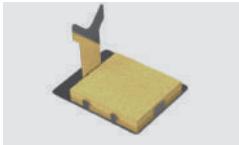


### Specifications:

Model	BK969E
Operating Voltage	AC 110-240V
Temperature range	180°C ~ 480°C
Max output power	55W
Tip to ground resistance	<2Ω
Tip to ground potential	≤2mV
Dimensions	L128*W104*H79mm
Weight	0.6Kg/0.8Kg



T12 Heating core



support



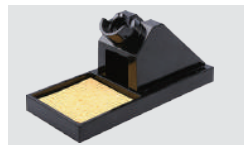
# BK969ESD

## Efficient constant temperature soldering station

1. The hand is light and light, and you will never feel tired after using it for a long time.
2. Specially set fixed temperature screw, precise temperature determination.
3. Split design, easy to place, a variety of soldering iron tips to choose from, and easy to replace.
4. Ordinary and anti-static two types, in order to match the use of different jobs.



BK907ESD handle



BK506A Soldering Iron Stand



BK1321 heating core



BK900M series soldering iron tips

### Specifications:

Model	BK936ESD
Operating Voltage	AC220V 50Hz
Temperature range	200°C ~480°C
Max output power	65W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L170xW120xH93mm
Weight	1.67Kg/1.83Kg

# SBK936D+

## Efficient constant temperature soldering station

1. With three-digit one-stop digital display, the temperature is increased or decreased by  $\pm 1^{\circ}\text{C}$ .
2. The temperature range is  $180\text{--}450^{\circ}\text{C}$ , and the temperature error becomes linear, all within the range of  $\pm 3^{\circ}\text{C}$ .
3. The temperature calibration adopts the method of keying in the correction value.
4. With the function of free switching between Celsius/Fahrenheit.
5. With automatic sleep function.
6. Split design, easy to place, a variety of soldering iron tips to choose from, and easy to replace.



### Specifications:

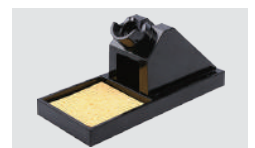
Model	SBK936D+
Operating Voltage	AC220V/50Hz
Temperature range	$200^{\circ}\text{C}\sim 480^{\circ}\text{C}$
Max output power	60W
Temperature stability (no load)	$\pm 2^{\circ}\text{C}$
Tip to ground resistance	$< 2\Omega$
Tip to ground potential	$< 2\text{mV}$
Dimensions	L141xW130xH90mm
Weight	1.39Kg/1.99Kg



BK1321 heating core



900M soldering iron tip



BK506A soldering iron stand



SBK907D+ handle

# SBK936b

## Constant temperature soldering station

1. Rotary temperature adjustment control, convenient and fast.
2. Split design, easy to place, a variety of nozzles to choose from, easy to replace.
3. The handle is designed to be light and handy, and it will not be fatigued after long-term use.
4. The temperature range is 200-480°C, and the temperature error becomes linear, all within the range of  $\pm 2^{\circ}\text{C}$ .



### Specifications:

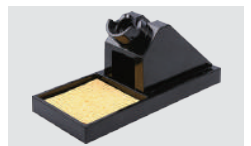
Model	SBK936b
Operating Voltage	AC220V/50Hz
Temperature range	200°C~480°C
Max output power	40W
Temperature stability (no load)	$\pm 2^{\circ}\text{C}$
Tip to ground resistance	$< 2\Omega$
Tip to ground potential	$< 2\text{mV}$
Dimensions	L170xW120xH93mm
Weight	1.09Kg/1.25Kg



BK1326 heating core



900M soldering iron tip



BK506A soldering iron stand



SBK907b handle

# SBK936B

## Constant temperature soldering station

1. Rotary temperature adjustment control, convenient and fast.
2. Split design, easy to place, a variety of nozzles to choose from, easy to replace.
3. The handle is designed to be light and handy, and it will not be fatigued after long-term use.
4. The handle adopts high temperature resistant accessories, which has a longer service life the heating core plug-in design the structure is reasonable, and the replacement is simple.
5. Without professional knowledge, ordinary employees can replace the heating element.
6. Maximize the production efficiency of the product.



### Specifications:

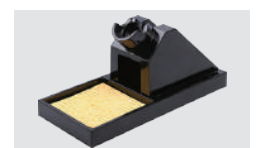
Model	SBK936B
Operating Voltage	AC230V/50Hz
Temperature range	200°C ~480°C
Max output power	65W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L170xW120xH93mm
Weight	1.54Kg/1.7Kg



C1321 heating core



900M soldering iron tip



BK506A soldering iron stand



SBK907B handle



# BK3600

## High-power lead-free soldering station with automatic tin feeding

1. Microcomputer control, button temperature adjustment, with automatic sleep function.
2. Stable tin discharge, precise control and low noise.
3. Automatic and manual tin feeding mode is available.
4. Tin delivery time, tin return time, tin output speed and interval time can be set.
5. Can be used alone as a lead-free soldering station.



### Specifications:

Rated power rating	160W (Handle: 150W)
Input voltage	AC 220V
Output voltage	36V
Range of temperature	View the working mode table
Stability of temperature	+2°C(indoor environment, no load)
Grounding resistance of soldering iron head	2Ω
Ground potential of soldering iron head	2mV
Model number of handle	LF301
The motor	Step by-step motor
Tin production rate	0.2-100 revolutions per minute
Length of tin output	0.7-655mm (Automatic/semi-automatic mode)
Tin out interval time	0-10s
Tin return time	0-1s
Tin out mode	Manual/semi-automatic/fully automatic
Diameter of tin wire	1.0-1.6mm(standard with 1.2-1.6mm, other specifications need replacement parts)
Main engine size	L262xW170xH146mm
Net/gross weight	6.2/6.49 kg



Foot switch board



LF301 Handle+ Tin Tube



BK500 Soldering iron stand



VH300 heating core



500M soldering iron tip

# BK3500

## Automatic lead-free soldering station

1. High-frequency eddy current heating, fast heating and reheating speed, high-quality lead-free soldering, can be equipped with a variety of long-life soldering iron tips.
2. Microcomputer control, super large screen display, button type temperature adjustment digital temperature correction.
3. Fully automatic tin-out function, tin-out speed, tin-out amount, and tin-out time interval are all adjustable.
4. Two types of tin-out hoses can be configured, making it easier and more convenient to use. The long hose is suitable for movable welding and the short hose is suitable for fixed welding.
5. It can be used as a lead-free soldering iron alone, and it can be equipped with a foot switch or a manual tin-out switch and a universal adjustment mechanism, which makes the welding flexible and convenient.



LF302 handle



VH90 heating core



Foot switch



200M soldering iron tip



BK502 soldering iron stand

### Specifications:

Intelligent lead-free soldering station	BK3500
Operating Voltage	AC230V/50HZ
Operating temperature range	200-500°C
Maximum instantaneous power	120W
Temperature stability (no load)	±2°C
Resistance of soldering iron tip to ground	<2Ω
Potential of the soldering iron tip to the ground	≤2mV
Tin out speed	=14mm/s-35mm/s
Tin output (automatic mode)	0.5-200mm
Tin out time interval	0-1S
Tin wire diameter	0.8-1.5mm

# BK3600S

## High-power lead-free soldering station with automatic tin feeding

1. Large screen display, with sleep function.
2. It can be used alone as a lead-free soldering station.
3. Smooth tin output, precise control and low noise.
4. The automatic and manual tin feeding mode can be switched naturally.
5. The tin delivery time, tin return time, tin delivery speed, interval time can be set.



### Specifications:

Automatic lead-free soldering station	BK3600S
Operating Voltage	AC100/240V,50Hz/60Hz
Temperature range	100°C ~480°C
Maximum instantaneous power	200W (maximum); Handle: 180w
Temperature stability (no load)	±2°C
Resistance of soldering iron tip to ground	<2Ω
Potential of the soldering iron tip to the ground	<2mV
Tin out speed	0.3-20mm/s
Out of tin length	0.3-200mm
Tin delivery time / tin delivery time interval	0.1-30s/0~10s
Back tin time	0-1s
Tin wire diameter	0.8~1.5mm
Tin out mode	Manual/semi-automatic/automatic



LF301 handle



VH300 heating core



Foot switch



500M soldering iron tip



BK502 soldering iron stand

# BK375B+

## Efficient constant temperature soldering station

1. The heating element adopts a plug-in design, which is convenient and quick to replace the consumables.
2. A variety of tin feeding modes: manual tin feeding mode, automatic tin feeding mode, induction tin feeding mode, which can be selected according to different soldering needs.
3. Digital tube temperature display, which can be switched between Celsius and Fahrenheit temperature display, the temperature control method adopts PID temperature control, and the temperature control is accurate.
4. The feeding drive motor adopts stepper motor, which has low noise, accurate tin discharge low heat generation and stable operation.
5. The speed of tin feeding, the amount of tin feeding and the interval time of tin feeding can be adjusted, and it has a unique function of returning tin to set.
6. The soldering handle stand can be adjusted in multiple directions and angles, which is flexible and convenient.
7. Suitable for plugin, connectors, connecting wires and other special soldering work.



### Specifications:

Model	BK375B+
Operating Voltage	AC230V/50Hz
Temperature range	200°C~480°C
Max output power	70W
Tin out speed	2.7mm/ s-27mm/s
Tin output	0-150mm
Tin interval time	0-2.7s
Back to tin time	0-0.9s
Tin wire diameter	0.8mm/ 1.0mm/ 1.2mm



Tin wire roller



Photoelectric switch



SBK907B handle



Foot switch board



BK900M series  
soldering iron tips



# BK375/376

## Automatic splitting/breaking tin machine

- 1. Reduce the flying and solder balls caused by lead-free solder during high temperature soldering.
- 2. The body is small and exquisite, saving working space.
- 3. It can improve the welding quality.



BK 375Automatic splitting tin machine



BK 376Automatic splitting tin machine

\*Set the temperature of the soldering iron to 350C and 400C respectively, add d1.0x500mm lead-free solder (Sn-3Ag-0.5Cu) to the soldering tip, and then measure the amount of flying flux. According to different test conditions, the amount of flux scattered will also be different.

### Specifications:

Model	BK375/BK376
Host power	DC24V/75mA
Motor power	DC24V/130mA
Delivery speed	27mm/s
Solder diameter	φ0.5/φ0.6/φ0.65/φ0.8/φ1.0/
Power Adapter	DC24V
Dimensions	L76xW50xH96mm
Weight	590g

# BK2200

## Intelligent and efficient temperature control

1. The large-screen LCD display is beautiful and generous.
2. High frequency eddy current heating efficiency and high welding sensitivity.
3. High temperature control accuracy and rapid temperature recovery.
4. Three-level quick temperature adjustment, one key to the preset temperature.
5. It has a sleep function to prevent oxidation of the soldering iron tip.
6. Remote IO control and working status reading.
7. The internal use of switching power supply, high energy efficiency ratio, can adapt to 10V/220V wide voltage.



### Specifications:

Intelligent and efficient temperature control	BK2200
Operating Voltage	AC100-240V,50Hz/60Hz
Temperature range	100°C ~480°C
Host rated power	200W
Temperature stability (no load)	±2°C
Resistance of soldering iron tip to ground	<2Ω
Temperature compensation range	<2mV
Temperature control range	±50°C/±90°F
Out of tin length	0.3-200mm
I/O allowable voltage	DC24V (PLC (control voltage)
I/O allowable current	10mA-3mA (PLC control current)
Use environment	Temperature: -10~45°C ; Humidity: 45~80%RH
Shape volume	L108xW116 xH197mm



LF301G handle



VH300 heating core



911G Soldering iron stand

# BK2300

## Intelligent and efficient temperature control

1. The large-screen LCD display is beautiful and generous.
2. High frequency eddy current heating efficiency and high welding sensitivity.
3. High temperature control accuracy and rapid temperature recovery.
4. Three-level quick temperature adjustment, one key to the preset temperature.
5. It has a sleep function to prevent oxidation of the soldering iron tip.
6. Remote IO control and working status reading.
7. The internal use of switching power supply, high energy efficiency ratio, can adapt to 110V/220V wide voltage.



### Specifications:

Intelligent and efficient temperature control	BK2300
Operating Voltage	AC230V,50Hz
Temperature range	100°C ~480°C
Host rated power	300W
Temperature stability (no load)	±2°C
Resistance of soldering iron tip to ground	<2Ω
Temperature compensation range	<2mV
Temperature control range	±50°C/±90°F
I/O allowable voltage	DC24V (PLC (control voltage)
I/O allowable current	10mA-3mA (PLC control current)
Use environment	Temperature: -10~45 °C ; Humidity: 45~80%RH
Shape volume	L108xW116 xH197mm



LF308C Handle



VH500S heating core



501M Soldering iron stand

# BK2600

## Intelligent thermostat

- 1. Large screen temperature curve display, intuitive display of real-time data.
- 2. High power, rapid return temperature, high thermal efficiency.
- 3. PID temperature control, high precision, stable temperature.
- 4. Three quick temperature control, one key set temperature.
- 5. Hibernation function to prevent oxidation of soldering iron head.
- 6. 10 Control, automatic human-machine interaction.
- 7. Adaptive C470, C245 series heating core.

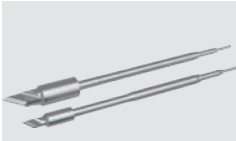


### Specifications:

Model	BK2600
Operating Voltage	AC 230V / 50Hz
Temperature range	100°C ~ 480°C
Max output power	420W
Temperature compensation range	±80°C
Heating core	C470/C245
Tip to ground resistance	≤2Ω
Tip to ground potential	≤2mV
Dimensions	108*116*197mm
Weight	≈ 2.5/2.7Kg



BK470-A handle



C470/245 soldering tip



BK517 soldering iron stand



# BK881

## Constant temperature two-in-one desoldering station

1. The large-screen display, small system size, and the welding handle is particularly light, which can cope with all kinds of welding. With the chip removal function, the maintenance work is more convenient.
2. Two-in-one design, saving working space, and each function can be used independently.
3. The visualized operation panel, which can adjust the air volume and temperature, is suitable for dismantling all kinds of chips such as QFP, I SOP, PLCC or SOJ.
4. Built-in advanced microcomputer, digital adjustment/display system.
5. Automatic protection of heating materials (using pulse heating), which can better maintain the heating element, handle and wind head to extend the service life of the machine.
6. Anti-static design, especially safe for sensitive components.
7. Automatic cooling system to prevent overheating of heating elements.
8. High thermal efficiency, fast heating speed and stable temperature.



BK1380 heating core



BK853S heating core



600M soldering iron tip



Nozzle



BK512 soldering iron stand



BK906 handle

### Specifications:

Host	Model	BK881
	Display method	Smart LCD screen
	Air outlet device	Blower
	Air volume	120L/Min
	Dimensions	L150xW130xH99mm
	Weight	2.5kg
Hot air gun	Power consumption	560W
	Hot air temperature	100-500°C
	Length	120cm
	Weight	184g
Soldering part	Power consumption	90W
	Temperature range	200-480°C
	Handle length	120cm

# BK880

## High-efficiency constant temperature hot air desoldering station

- 1. High-definition large-screen display, compact body, saving work space.
- 2. Visual operation panel, adjustable air volume and temperature, suitable for removing all kinds of chips such as QFP, sOP PLCC or SOJ.
- 3. Built-in advanced microcomputer, digital adjustment / display system.
- 4. Automatic protection of heating material (using pulse heating), can better maintain the heating body, handle and wind head to prolong the service life of the machine.
- 5. Built-in temperature sensor, the output temperature is stable. Set the temperature and set the air gauge storage function.
- 6. When not in use, the cooling mode is automatically activated when placed on the rack.



### Specifications:

Host	Model	BK880
	Power consumption	Standby 1W
	Air outlet	blower
	Air volume	120L/Min
	Dimensions	L150xW130xH99mm
	Weight	2.5kg
Hot air gun	Power consumption	550W
	Hot air temperature	100-500°C
	length	120cm
	weight	184g



BK853/853D  
heating element



Nozzle

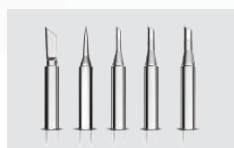
# BK701D

## Two-in-one Integrated Soldering & Desoldering Station

1. Use C1321 pluggable heating element, which is convenient for heating element replacement.
2. The heating element is made of imported temperature-resistant materials with advanced technology and has a long life.
3. Air pump type air supply, rapid temperature rise and convenient temperature setting.
4. Adjustable air volume and temperature, suitable for dismantling all kinds of QFP, SOP, PLCC or SOJ chips.
5. After turning off the heating switch, the automatic cooling system starts to operate to prevent the heating element from overheating.
6. With Fahrenheit/Celsius display function.
7. After finishing the work, turn off the heating switch and display "-" to enter the standby state.



BKC1321 heating core



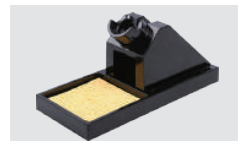
900M soldering iron tip



Nozzle

### Specifications:

Host	Model	BK701D
	Output Power	700W
	Input voltage	AC230V/50Hz
	Working environment	-5-45°C
	Display form	LED digital tube
	Dimensions	L160xW141xH95mm
Hot air gun	Airflow type	Air pump
	Air flow volume	28L/Min
	Temperature adjustment range	100°C-500°C
	Temperature stability	±3°C
Soldering part	Temperature adjustment range	100°C~480°C
	Temperature stability	±2°C
	Welding tip to ground voltage/resistance	<2mV/ <2ohm



BK506A soldering iron stand



BK853B heating core



BK907B handle

# BK850D

## Smart hot air desoldering station

1. Air pump type air supply, rapid temperature rise and convenient temperature setting.
2. Using high-quality heating element, long life and low noise.
3. After turning off the heating switch, the automatic cooling system starts to operate to prevent the heating element from overheating.
4. Adjustable air volume and temperature, suitable for dismantling all kinds of QFP, SOP PLCC or SOJ chips.
5. With Fahrenheit/Celsius display function.
6. After finishing the work, turn off the heating switch and display "---" to enter the standby state.



### Specifications:

Model	BK850D
Output Power	550W
Input voltage	AC230V 50Hz
Airflow type	Air pump
Air flow volume	28L/Min
Noise	<45dB
Working environment	-5-45°C
Temperature adjustment range	100°C-500°C
Display form	LED digital tube
Temperature stability	±3°C
Dimensions	L160xW141xH95mm
Weight	3.2kg/3.6kg



BK853B heating core



Nozzle



# BK852

## Intelligent hot air desoldering station

1. Air pump type air supply, rapid heating and convenient temperature setting.
2. Adjustable air volume and temperature, suitable for removing all kinds of QFP, SoP PLCC or SoJ chips.
3. Using high-quality heating element, long life, low noise.
4. After the hot air gun switch is turned off, the automatic cooling system starts to work to prevent the heating element from overheating.
5. The temperature has a Fahrenheit/Celsius adjustable display.



### Specifications:

Model	BK852
Output Power	550W
Input voltage	AC230V 50Hz
Airflow type	Air pump
Air flow volume	28L/Min
Temperature adjustment range	100°C-500°C
Display form	LED
Temperature stability	±3°C
Use environment	Temperature :-10-45°C humidity: 45-80%RH
Handle wire length	120CM
Dimensions	L160xW259xH147mm
Weight	3.2Kg/3.7Kg



BK853B heating core



Nozzle

# BK852D+

## Soldering station and desoldering station two in one

1. Using C1321 plug-in heating core, it is convenient to replace the heating core.
2. The heating element is made of imported temperature-resistant materials and advanced technology, and has a long service life.
3. Air pump type air supply, rapid heating and convenient temperature setting.
4. Adjustable air volume and temperature, suitable for removing all kinds of QFP, SoP PLCC or SoJ chips.
5. After the hot air gun switch is turned off, the automatic cooling system starts to work to prevent the heating element from overheating.
6. The temperature has a Fahrenheit/Celsius adjustable display.



BKC1321 heating core



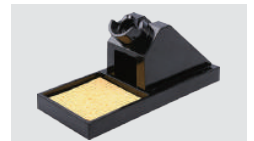
900M soldering iron tip



Nozzle

### Specifications:

Host	Model	BK852D+
	Output Power	700W
	Input voltage	AC230V/50Hz
	Working environment	-10-45°C
	Display form	LED digital tube
	Dimensions	L160xW259xH147mm
Hot air gun	Handle wire length	120CM
	Air flow volume	28L/Min
	Temperature adjustment range	100°C-500°C
	Temperature stability	±3°C
Soldering part	Temperature adjustment range	100°C~480°C
	Temperature stability	±2°C
	Handle wire length	100CM



BK506A soldering iron stand



BK853B heating core



BK907B handle

# BK870A

## Smart hot air desoldering station

- 1. Dynamic and real-time indication of the temperature of the heating element, adjust the temperature and 5 levels of adjustable air volume and have a storage function.
- 2. The air will be supplied automatically after the power switch is turned off. When the working temperature is lower than 100°C, the entire power supply will be disconnected.
- 3. Automatic protection of heating materials (using pulse heating), which can better maintain the heating element, handle and wind head to extend. the service life of the machine.
- 4. Built-in advanced microcomputer, digital adjustment/display system.
- 5. Built-in temperature sensor, regardless of the air volume, the output temperature can remain stable.
- 6. The body and the handle are dual-regulated, which can accurately adjust the air volume and temperature to meet the desoldering needs of various chips.



### Specifications:

Host	Model	BK870A
	Output Power	3W
	Airflow type	Air pump
	Air flow volume	28L/Min
	Weight	4.0KG
	Dimensions	255*160*145mm
Hot air gun	Output Power	550W
	Temperature adjustment range	100°C-480°C
	Length	196CM
	Weight	120G



Nozzle



BK853 heating core

# BK8586

## Comprehensive maintenance station

- 1. Use C1321 pluggable heating element, which is convenient for heating element replacement.
- 2. The heating element is made of imported temperature-resistant materials with advanced technology and has a long life.
- 3. Air pump type air supply, rapid temperature rise and convenient temperature setting.
- 4. Adjustable air volume and temperature, suitable for dismantling all kinds of QFP, SOP PLCC or SOJ chips.
- 5. After turning off the heating switch, the automatic cooling system starts to operate to prevent the heating element from overheating.
- 6. With Fahrenheit/Celsius display function.
- 7. After finishing the work, turn off the heating switch and display "---" to enter the standby state.



BK1327 heating core



BK853S heating core



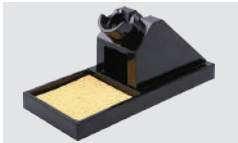
900M soldering iron tip

### Specifications:

Host	Model	BK8586
	Output Power	760W
	Input voltage	AC230V/50Hz
	Working environment	-10-45°C
	Display form	LED digital tube
	Dimensions	L160xW95xH141mm
Hot air gun	Handle wire length	120CM
	Air flow volume	120L/Min
	Temperature adjustment range	100°C-500°C
	Temperature stability	±3°C
Soldering part	Temperature adjustment range	180°C-480°C
	Temperature stability	±2°C
	Handle wire length	100CM



Nozzle D5 D7



BK506A soldering iron stand



SBK907E handle



# SBK858D

## Smart hot air desoldering station

1. Using high-quality sensors, microcomputer temperature control, LED display, high power, rapid heating, accurate and stable temperature, not affected by the air volume, and truly rapid desoldering.
2. The air flow is adjustable, the air volume is large and the air output is soft, the temperature is convenient to adjust, and it can be adapted to various purposes.
3. The handle is equipped with a magnetic control switch. As long as you pick up the handle, the system can quickly enter the working mode; put the handle back to the handle holder, and the sleep function will be automatically turned on.
4. The system is equipped with automatic cold air and accelerated cooling functions. When sleeping or manual cooling adjustment, it will automatically increase the air volume and quickly cool down to reduce the waiting time, which can extend the life of the heating element.
5. Using brushless fan, long life and low noise;
6. Using high-quality heating element, the efficiency can be doubled under the same power, which can effectively extend the working life of the heating element and save electric energy.
7. With software temperature compensation and hardware linear compensation.
8. Fahrenheit/Celsius display.
9. Sleep delay is turned on or off.
10. Turn on the marquee reminder on the screen when it is off, until it drops below 100°C and enters dormancy.



### Specifications:

Model	SBK858D
Output Power	550W
Airflow type	Brushless fan soft wind
Temperature adjustment range	100°C-500°C/212-932°F
Air flow volume	120L/Min
Display form	100°C-500°C
Temperature compensation	LED digital (resolution 1°C/°F)
Handle length (including handle line)	≤120CM
Dimensions	L150xW100xH138mm
Body weight	1.55Kg
Noise	< 45dB
Working environment	-20°C-40°C



BK853S heating core



Nozzle D5 D7

# BK858

## Rework station

1. Adopt high-quality heating element, microcomputer temperature control, high power, rapid heating accurate and stable temperature, and is not affected by the air volume.
2. The air flow is adjustable, the air volume is large, the temperature is easy to adjust and it can be adapted to a variety of uses.
3. The handle is equipped with a magnetic switch. Pick up the handle, the system can quickly enter the working mode; put the handle back into the handle holder, it automatically enters the sleep function.
4. The system is equipped with an automatic accelerated cooling function. When sleeping, it automatically increases the air volume to quickly cool the heating element, which can effectively extend the life of the heating element.
5. Use long-life fan with low noise.
6. It has the function of automatically stopping heating when a fault occurs.
7. Fahrenheit/Celsius temperature.



### Specifications:

Model	BK858
Operating Voltage	AC 230V / 50Hz
Output Power	550W±10%
Airflow Type	Blower
Air Volume	120L/Min
Temperature Adjust Range	100°C ~ 480°C
Temperature compensation	±100°C
Cord Length of Hand Piece	≤120CM
Dimintions	L145*W100*H140mm
Net Weight	≈ 1.26kg
Noise	< 45db
Work Environment	-20~40°C
Storage Temperature	-20~80°C
Storage Humidity	35%~45%



BK853B heating core



Nozzle

# BK858E/858S

## Portable soldering & rework station

1. Using high-quality heating elements, power, heating fast, accurate and stable temperature, not affected by air.
2. The air volume is adjustable, the air volume is big, the temperature is easy to adjust, may adapt many kinds of uses.
3. A magnetic switch is arranged on the handle. Pick up the handle, the system can quickly enter the working mode; put the handle back to the handle frame, the system automatically enters the hibernation function.
4. Equipped with automatic accelerated cooling function. Automatically increase air volume when sleeping, fast cooling heating elements can effectively extend the life of heating elements.
5. Use Low noise, long life fan.
6. The utility model has the function of automatically stopping heating in case of failure.
7. The use of three-in-one digital tube display.
8. Portable design for easy placement.
9. A variety of nozzles are available for easy replacement.
10. Two-in-one design saves work space, and each function can be used independently.

### Specifications:

Model	BK858E
Operating Voltage	AC 230V / 50Hz
Hot air gun temperature range	100°C ~ 500°C
Solder iron temperature range	180°C ~ 480°C
Max output power	650W
Hot air gun temperature stability	±3°C
Solder iron temperature stability	±2°C
Dimensions	L130*W58*H35mm
Weight	≈522g



Soldering iron stand



BK1370 heating core



BK853B heating core



Nozzle

### Specifications:

Model	BK858S
Operating Voltage	AC 230V / 50Hz
Hot air gun temperature range	100°C ~ 500°C
Max output power	550W
Hot air gun temperature stability	±3°C
Dimensions	L130*W58*H35mm
Weight	≈436g



BK853B heating core



Nozzle

# BK8586D

## Portable soldering & rework station

- 1. Adopt high-quality heating element, microcomputer temperature control, high power, rapid heating accurate and stable temperature, and is not affected by the air volume.
- 2. The air flow is adjustable, the air volume is large, the temperature is easy to adjust and it can be adapted to a variety of uses.
- 3. The handle is equipped with a magnetic switch. Pick up the handle, the system can quickly enter the working mode; put the handle back into the handle holder, it automatically enters the sleep function.
- 4. The system is equipped with an automatic accelerated cooling function. When sleeping, it automatically increases the air volume to quickly cool the heating element, which can effectively extend the life of the heating element.
- 5. Use long-life fan with low noise.
- 6. It has the function of automatically stopping heating when a fault occurs.
- 7. Fahrenheit/Celsius temperature.



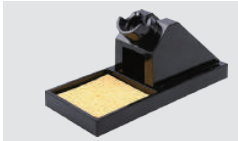
BK853B heating core



Nozzle



900m



BK506A soldering iron stand



BK903 handle

### Specifications:

Host	Model	BK8586D
	Display method	LED
	Air outlet device	Blower
	Air volume	120L/Min
	Dimensions	L160*W95*H141mm
	Input voltage	AC230V / 50HZ
	Power consumption	550W
Hot air gun	Hot air temperature	100-500°C
	Heating core	853B
	Input voltage	AC230V / 50HZ
Soldering part	Power consumption	90W
	Temperature range	180-480°C
	Heating core	1370S



# Nozzle series

QFP



SOP



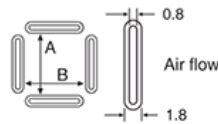
PLCC



SOJ



BGA(CSP)



\* Specification is IC size

Unit : mm

Can cooperate with vacuum suction function

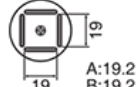
A1125B  
QFP 10 x 10



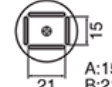
A1126B  
QFP 14 x 14



A1127B  
QFP 17.5 x 17.5



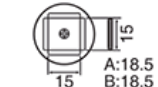
A1128B  
QFP 14 x 20



A1129B  
QFP 28 x 28



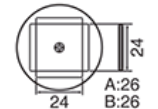
A1135B  
PLCC 17.5 x 17.5  
(44 Pins)



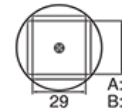
A1136B  
PLCC 20 x 20  
(52 Pins)



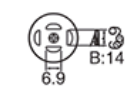
A1137B  
PLCC 25 x 25  
(68 Pins)



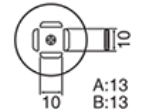
A1138B  
PLCC 30 x 30  
(84 Pins)



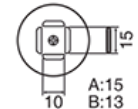
A1139B  
PLCC 12.5 x 7.1  
(18 Pins)



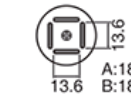
A1140B  
PLCC 11.5 x 11.5  
(28 Pins)



A1141B  
PLCC 11.5 x 14  
(32 Pins)



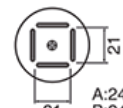
A1180B  
BQFP 17 x 17



A1181B  
BQFP 19 x 19



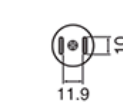
A1182B  
BQFP 24 x 24



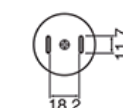
A1184B  
SOJ 18 x 8



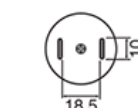
A1185B  
TSOL 13 x 10



A1186B  
TSOL 18 x 10



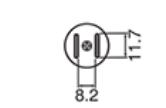
A1187B  
TSOL 18.5 x 8



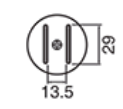
A1257B  
SOP 11 x 21



A1258B  
SOP 7.6 x 12.7



A1259B  
SOP 13 x 28



A1260B  
SOP 8.6 x 18



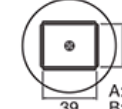
A1261B  
QFP 20 x 20



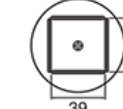
A1262B  
QFP 12 x 12



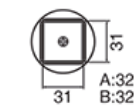
A1263B  
QFP 28 x 40



A1264B  
QFP 40 x 40



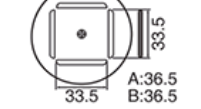
A1265B  
QFP 32 x 32



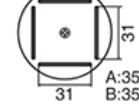
A1188B  
PLCC 9 x 9  
(20 Pins)



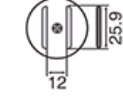
A1189B  
PLCC 34 x 34 (100 Pins)



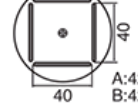
A1203B  
QFP 35 x 35



A1214B  
SOJ 10 x 26



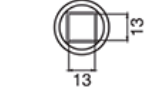
A1215B  
QFP 42.5 x 42.5



A1470  
BGA 8 x 8



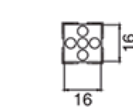
A1471  
BGA 12 x 12



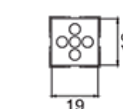
A1472  
BGA 13 x 13



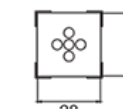
A1473  
BGA 15 x 15



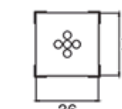
A1474  
BGA 18 x 18



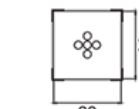
A1475  
BGA 27 x 27



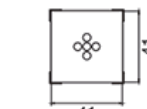
A1476  
BGA 35 x 35



A1477  
BGA 38 x 38



A1478  
BGA 40 x 40



Not compatible with vacuum suction

A1124B\*  
Single  $\phi$  2.5



A1130\*  
Single  $\phi$  4.4



A1131\*  
SOP 4.4 x 10



A1132\*  
SOP 5.6 x 13



A1133\*  
SOP 7.5 x 15



A1134\*  
SOP 7.5 x 18



A1142B\*  
Bent Single 1.5 x 3



A1183\*  
SOJ 15 x 8



A1190\*  
Dual Single 2.5 x 9.5



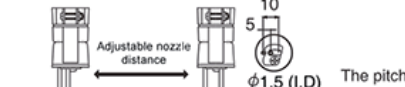
A1191\*  
SIP 25L



A1192\* SIP 50L



A1325\* Dual Single  $\phi$  1.5 x 5-10 Adjustable Pitch

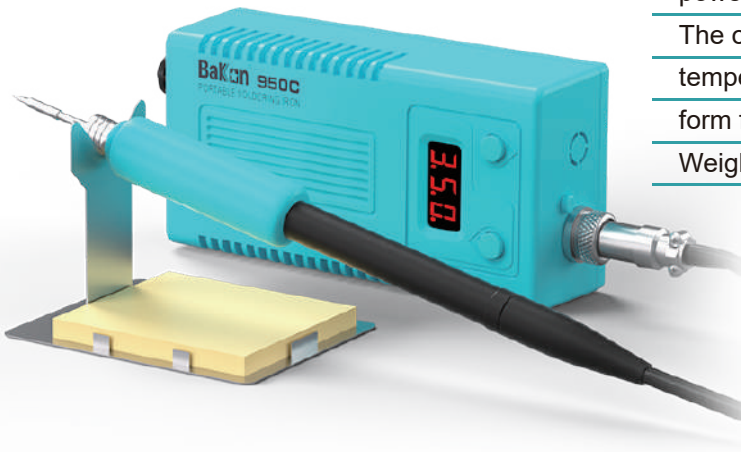


The pitch between the two nozzles is adjustable

# BK950C/950D

## Portable constant high-effective soldering iron

- 1. Use trinity digital tube display.
- 2. Plug-in design of heating core, reasonable structure, easy to replace.
- 3. Split design, easy to place, a variety of nozzles to choose from, easy to replace.
- 4. Without professional knowledge, ordinary employees can replace the heating element.
- 5. The handle is designed to be light and handy, and it will not be fatigued after long-term use.



### Specifications:

Model	BK950C
Input voltage	AC100/240V 50/60HZ
power	50W
The output voltage	AC20V
temperature range	180-450°C/ 356-842°F
form factor	L133xW60xH35MM
Weight (including wires)	405G



soldering iron stand



210 heating core

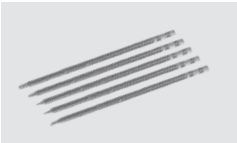


### Specifications:

Model	BK950D
Operating Voltage	AC100-240V
Temperature range	180°C ~450°C
Max output power	65W
Temperature stability (no load)	±2°C
Dimensions	L120xW60xH36mm
Weight	450G



513 soldering iron stand



T12 heating core



LF005

# BK210/210PRO

## Portable thermostatic Soldering iron

1. Light handle, size same as marking pen
2. OLED screen displays real-time temperature, temperature is adjustable
3. Temperature calibration function, offset value can be setting
4. Fahrenheit and Celsius switch function
5. Applicable for DIY working and home Repair
6. Auto sleep function, auto sleep time can be setting
7. Adopt pluggable tips, easy to replace
8. Support PD, QC quick charging protocol
9. PID constant temperature control, accuracy:  $\pm 2^{\circ}\text{C}$
10. Support Chinese and English switching



### Specifications:

Model	BK210
Heating core	C210
Temperature range	180°C-450°C
Sleep time	2-99s
Temperature compensation range	$\pm 80^{\circ}\text{C}$
power	12W
weight	75G
dimension	146mm
Charging voltage	DC5V
Charging interface	Type-C



### Specifications:

Model	BK210Pro
Heater element	BC210
Temperature range	180°C-480°C
Sleep time	10-99S
Temperature compensation range	$\pm 99^{\circ}\text{C}$
Power	40W(Max)
Weight	$\approx 30\text{g}$
Charging protocol	PD QC quick charge protocol
Charging connector	Type-C

# BK931

## External heating electric soldering iron

1. The handle is made of nylon, which has high strength and good heat resistance.
2. Silicone sheath, heat insulation and non-slip, comfortable grip.
3. Black gold steel soldering iron tip, high temperature resistance, corrosion resistance Wear resistance.
4. Small size, light touch, suitable for long-term operation.
5. Thick natural mica heating core, heating up quickly.
6. The power cord adopts the national standard three-core plug, high-soft material wire, high temperature resistance, aging resistance, soft and elastic.



### Specifications:

Model	BK931
Operating Voltage	AC220-240V
Temperature range	450°CNot adjustable
Max output power	30W
Rewarming time	30S
Soldering iron tip specification/material	Solid head $\Phi 3.8 \times 70$ mm/black gold steel
Heater	Natural mica heating core
Weight	150g/190g



# BK932

## Internal Heating Adjustable Temperature Controller Electric Soldering Iron

1. The handle is made of PC transparent material, which has high strength and good heat resistance.
2. Constant temperature technology, the temperature range of 200°C-400°C can be adjusted arbitrarily.
3. Ceramic heating core, long life, fast heating, good temperature control.
4. Small size, light touch, suitable for long-term operation.
5. Stainless steel sleeve, no rust, fast heat dissipation.
6. Black gold steel soldering iron tip, high temperature resistance, corrosion resistance and abrasion resistance.



### Specifications:

Model	BK932
Operating Voltage	AC220-240V
Temperature range	200°C-450°C
Max output power	80W
Rewarming time	10S
Soldering iron tip specification/material	Pointed Φ8.1x56.8mm/black gold steel
Heater	PTC ceramic heater
Weight	170g/210g

# BK606/606S

## Portable digital display soldering iron

1. Handle light, long time use never feel tired.
2. Digital tube display design, handle temperature can be adjusted at any time, easy to place, more convenient to use.
3. Digital temperature correction function to achieve temperature precision welding.
4. With Fahrenheit/Celsius temperature conversion.
5. Suitable for personal and family maintenance.
6. Hibernation function to prevent oxidation of soldering iron head.
7. Plug-in heating core, easy to replace.



### Specifications:

Model	BK606
Tip to ground resistance	< 2Ω
Tip to ground potential	< 2mV
Tip to ground current	≤1mA
Input voltage	AC230V/50Hz
Power	90W Max
Heating element	1370s
Soldering tip	BK900M
soldering iron holder	513
Power cable	1.5 M
Total length	1.7 M
Weight	165G



### Specifications:

Model	BK606S
Operating Voltage	AC110-230V / 50-60Hz
Temperature range	200°C ~450°C
Max output power	70W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Total length	1.7M
Soldering iron tip to ground current	AC110V: ≤1mA ; AC230V: ≤1.5mA
Weight	165g/256g

# BK606A

## Portable digital display soldering iron kit

- 1. Handle light, long time use never feel tired.
- 2. Digital tube display design, handle temperature can be adjusted at any time, easy to place, more convenient to use.
- 3. Digital temperature correction function to achieve temperature precision welding.
- 4. With Fahrenheit/Celsius temperature conversion.
- 5. Suitable for personal and family maintenance.
- 6. Hibernation function to prevent oxidation of soldering iron head.
- 7. Plug-in heating core, easy to replace.



### Specifications:

Model	BK606A
Input voltage	AC110V/60Hz
Power	90W MAX
Heating element	1370s
Soldering tip	900M series
Power cable	1.3M
Total length	1.5M
Weight	140g

# BK607

## Portable in-line digital display soldering iron

1. The handle is light and handy, so you will never feel tired after long-term use.
2. The design of the digital tube display, the temperature of the handle can be adjusted at any time it is easy to place and more convenient touse.
3. Fast heating speed and high thermal efficiency.
4. Digital temperature correction function to achieve precise temperature welding.
5. With Fahrenheit/Celsius temperature conversion.
6. Suitable for personal and home maintenance.



### Specifications:

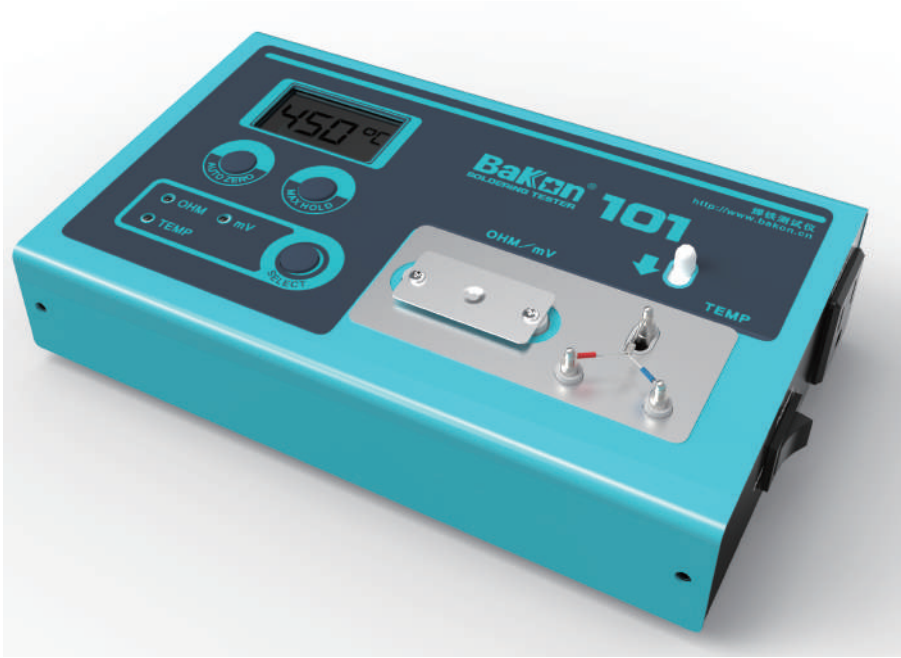
Model	BK607
Operating Voltage	AC110 / 50Hz
Temperature range	180°C ~480°C
Max output power	90W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Total length	1.7M
Power cord	1.5M
Weight	135g/256g



# BK101

## Soldering iron comprehensive tester

- 1. Capable of measuring welding tip temperature, leakage voltage and grounding impedance.
- 2. Suitable for lead-free solder.
- 3. Equipped with the "MAX HOLD" function, which can record and display the maximum value of the test at the time.
- 4. You can simply and directly measure the leakage voltage and ground impedance.



### Specifications:

Model	BK101
Unit of measurement	1°C
Measuring range	0-700°C
Accuracy	±3°C (between 300-600°C)
Sensor	K(CA) thermocouple
Resolution	0.1mv
Measuring range	0-40mV(AC)
Accuracy	±(5%+1 digit)
Resolution	0.1Ω
Measuring range	0-40Ω
Accuracy	±(5%+1 digit)
LCD	3 1/2 LCD digital display
The sensor is damaged	-/ooo
Dimensions	L200xW120xH50mm
Weight	1kg
Power consumption	2W/220V

# BK191

## Soldering iron comprehensive tester

1. Use the CA sensor to accurately and quickly measure the temperature of the welding tip.
2. Clear digital display.
3. Special alloy coating, so that the sensor can resist corrosion and oxidation.
4. The sensor is easy to replace.



### Specifications:

Model	BK191
Resolving rate	1°C
Range	0-600°C
Applied Sensor	K(CA) thermocouple
Accuracy	±3°C (between 300-600°C)
Display	3 1/2 LCD digital display -/ooo
Power	006P 9V Dry Battery
Life of Battery	More than 150 hours
Dimensions	L160xW80xH45mm
Weight	200g

# BK192

## Soldering iron comprehensive tester

- 1. Capable of measuring welding tip temperature, leakage voltage and grounding impedance.
- 2. Suitable for lead-free solder.
- 3. Equipped with the "MAX HOLD" function, which can record and display the maximum value of the test at the time.
- 4. You can simply and directly measure the leakage voltage and ground impedance.



### Specifications:

Model	BK192
Unit of measurement	1°C
Measuring range	0-600°C
Accuracy	±3°C (between 300-600°C)
Sensor	K(CA) thermocouple
Resolution	0.1mv
Measuring range	0-90mV(AC)
Accuracy	±(5%+1 digit)
Resolution	0.1Ω
Measuring range	0-90Ω
Accuracy	±(5%+1 digit)
LCD	3 1/2 LCD digital display
The sensor is damaged	-/ooo
Dimensions	L200xW120xH50mm
Weight	1.1kg
Power consumption	1W/220V

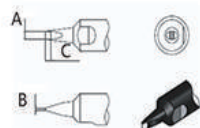


## 910&911 &911G

Soldering iron tip

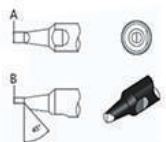


D type



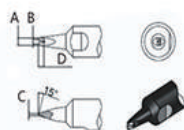
	A	B	C
-16D	ø1.6	0.6	1.5
-20D	ø2.0	0.8	1.5
-24D	ø2.4	0.8	1.5
-30D	ø3.0	1	2
-40D	ø4.0	1.2	2.5

PC type



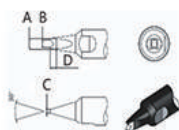
	A	B
-10PC	ø1.0	0.5
-13PC	ø1.3	0.65
-16PC	ø1.6	0.8
-20PC	ø2.0	1
-24PC	ø2.4	1.2
-30PC	ø3.0	1.5
-40PC	ø4.0	2

DV1 type



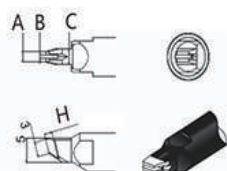
	A	B	C	D
-16DV1	ø1.6	1	0.6	1.5
-20DV1	ø2.0	1.2	0.8	1.5
-24DV1	ø2.4	1.4	0.8	1.5
-30DV1	ø3.0	1.6	1	2
-40DV1	ø4.0	2	1.2	2.5

DV2 type



	A	B	C	D
-16DV2	ø1.6	1	0.6	1.5
-20DV2	ø2.0	1.2	0.8	1.5
-24DV2	ø2.4	1.4	0.8	1.5
-30DV2	ø3.0	2.2	1	2
-40DV2	ø4.0	3	1.2	2.5

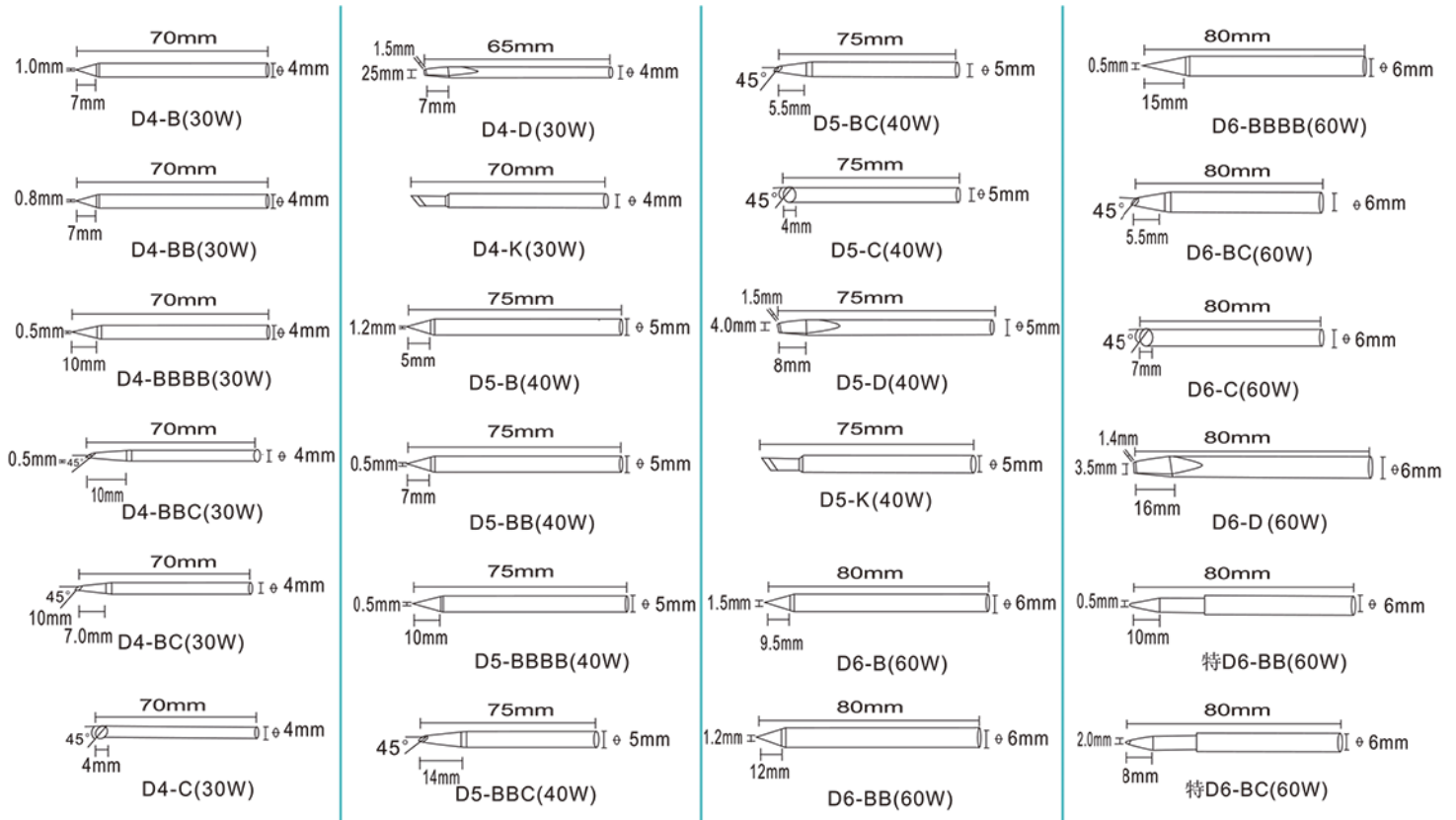
N type



	A	B	C	H
-22N08H18	2.2	0.8	3.2	1.8
-28N08H15	2.8	0.8	3.6	1.5
-24N10H20	3.0	1	4	2
-30N12H23	3.2	1.2	4	2.3
-40N12H28	3.2	1.2	4	2.8

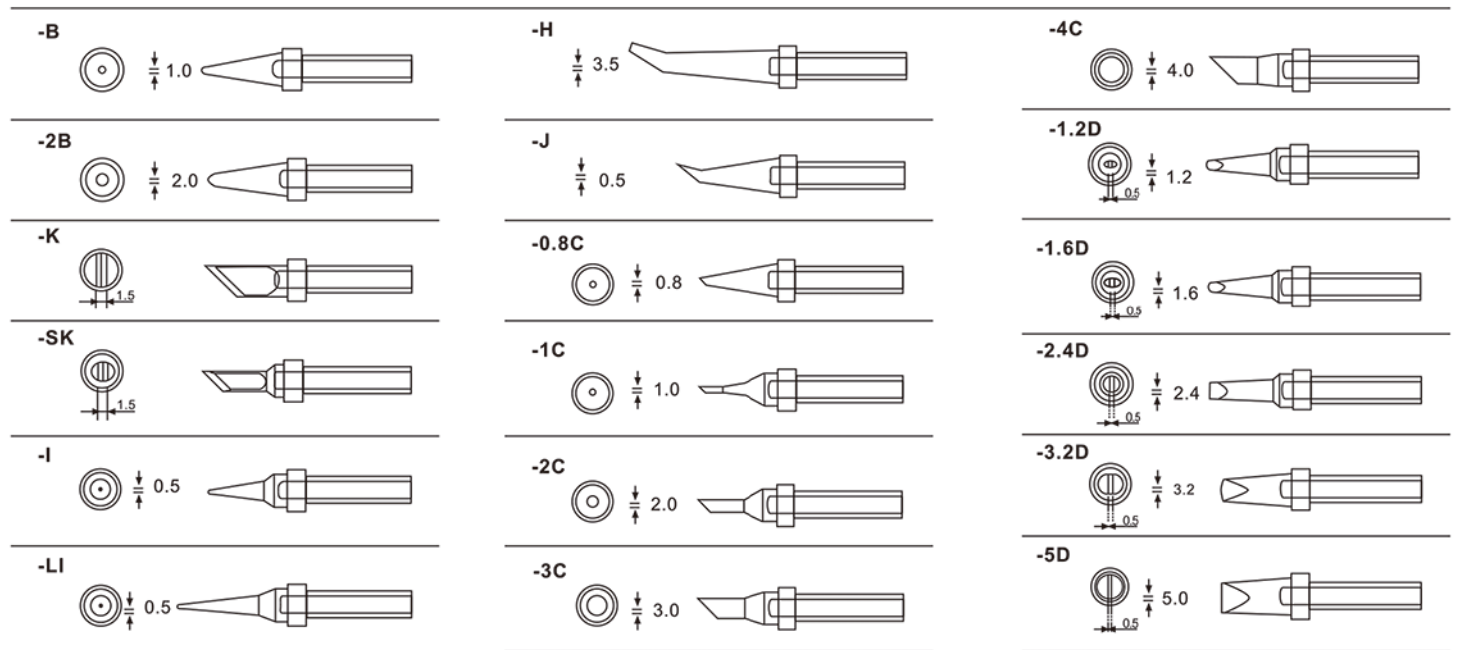


# External heat type lead-free soldering iron Tsui



★ Suitable for 30W, 40W, 60W external hot soldering iron

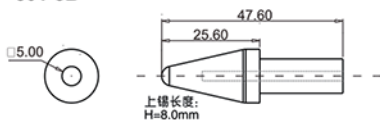
## 200 series lead-free soldering tips



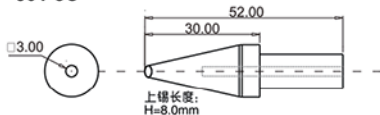
★ 200 series soldering iron head for BK1000, 2000, 2000A, 3200, 3500, 3800 Quick 3202, 3112, 3100, 3101, 3102, 203D, 203, 203H, 204, 204H, 303, etc.

## 501 series lead-free soldering tips

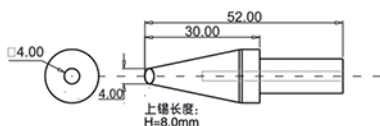
501-5B



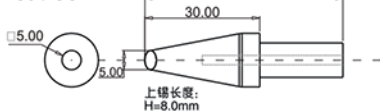
501-3C



501-4C



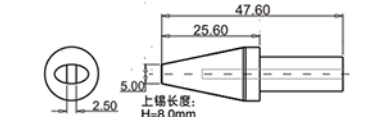
501-5C



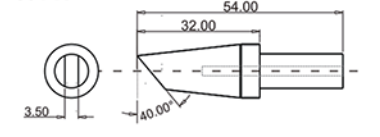
501-6C



501-5D

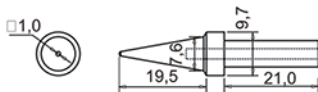


501-K



## 500 series lead-free soldering tips

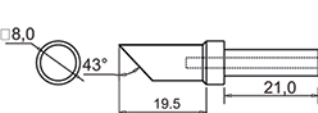
500-B



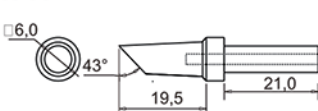
500-2B



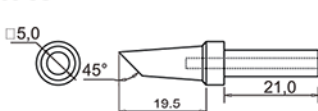
500-8C



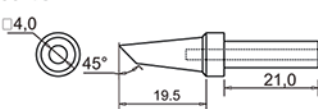
500-6C



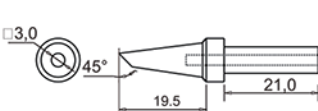
500-5C



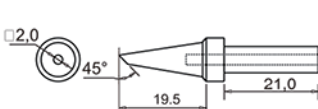
500-4C



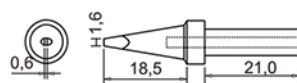
500-3C



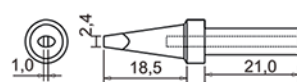
500-2C



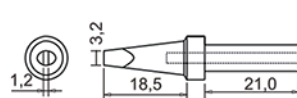
500-1.6D



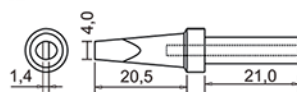
500-2.4D



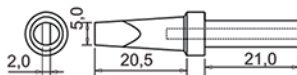
500-3.2D



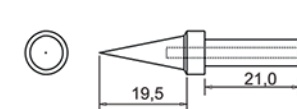
500-4D



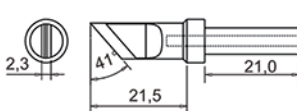
500-5D



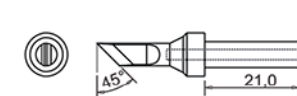
500-I



500-K

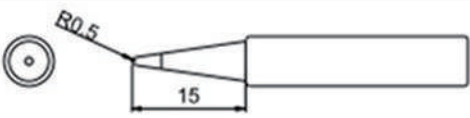
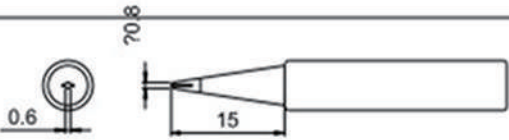
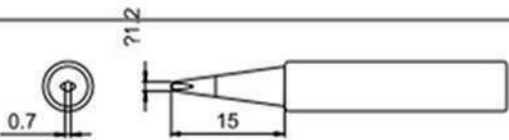
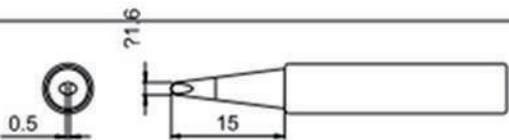
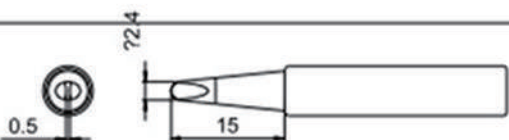
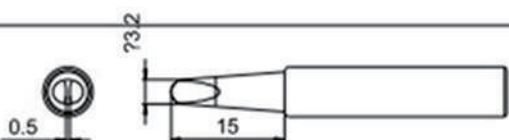
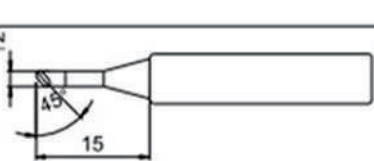
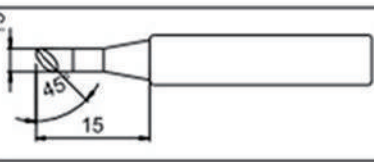
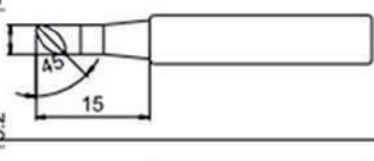
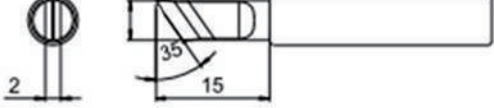


500-SK



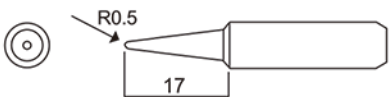
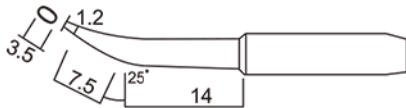
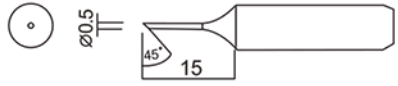
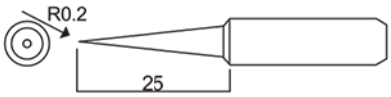
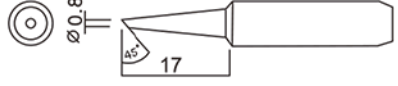
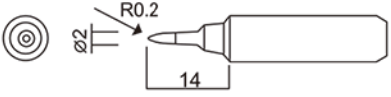
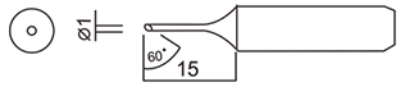
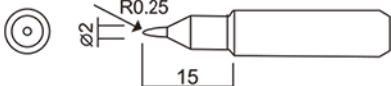
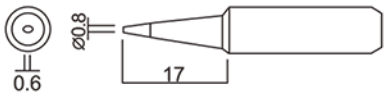
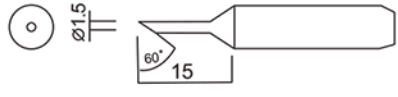
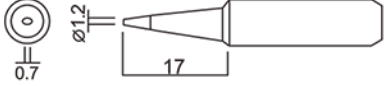
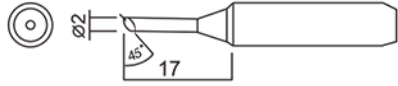
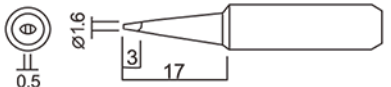
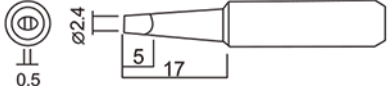
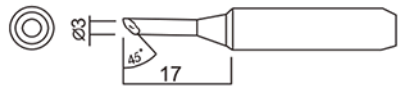
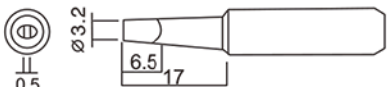
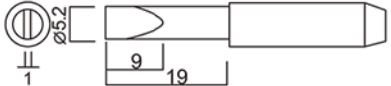

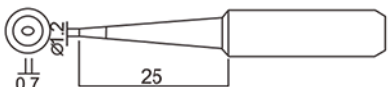
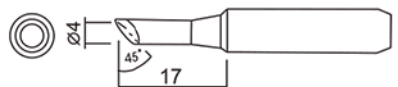
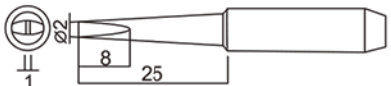
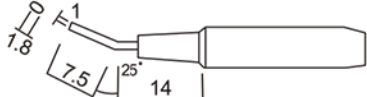
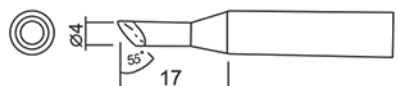

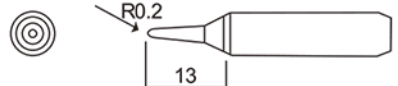
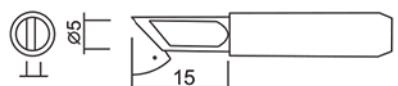
- ★ 501 series soldering tips compatible for BK3300, Quick206B and other lead-free soldering stations
- ★ 500 series soldering tips compatible for BK3300L, BK3300A, BK3600, Quick205 (flash) and other lead-free soldering stations

## 600 series lead-free soldering iron tip

600-B	
600-0.8D	
600-1.2D	
600-1.6D	
600-2.4D	
600-3.2D	
600-2C	
600-3C	
600-4C	
600-K	

Remarks: The soldering iron tip is BK60/90/881 and the handle is BK906, dedicated to the soldering station

## 900M series lead free soldering tips

900M-T-B		900M-T-H	
900M-T-BF2**		900M-T-0.5C	
900M-T-LB		900M-T-0.8C	
900M-T-SB		900M-T-1C	
900M-T-S4		900M-T-1CF *	
900M-T-0.8D		900M-T-1.5CF *	
900M-T-1.2D		900M-T-2C	
900M-T-1.6D		900M-T-2CF *	
900M-T-2.4D		900M-T-3C	
900M-T-3.2D		900M-T-3CF *	
900M-T-S3		900M-T-S10	
900M-T-1.2LD		900M-T-4C	
900M-T-2LD		900M-T-4CF *	
900M-T-1.8H		900M-T-S11	
		900M-T-I	
		900M-T-SI	
		900M-T-K	

★ 900M(φ6.5mm) series soldering tips compatible for 936 and 937 series soldering stations



# T12/T13 series lead free tips. ( heating element and tips 2 in 1)



T12/T13-B 	T12/T13-B2 	T12/T13-B3 	T12/T13-B4 	T12/T13-BL 	T12/T13-BC1 T12/T13-BCF1 
T12/T13-BC2 T12/T13-BCF2 	T12/T13-BC3 T12/T13-BCF3 	T12/T13-C1 	T12/T13-C4 T12/T13-CF4 	T12/T13-D08 	T12/T13-D12 
T12/T13-D16 	T12/T13-D24 	T12/T13-D4 	T12/T13-D52 	T12/T13-DL08 	T12/T13-DL12 
T12/T13-DL32 	T12/T13-DL52 	T12/T13-I 	T12/T13-IL 	T12/T13-ILS 	T12/T13-J02 
T12/T13-JL02 	T12/T13-JS02 	T12/T13-K 	T12/T13-KF 	T12/T13-KL 	T12/T13-KR 
T12/T13-KU 	T12/T13-1201 	T12/T13-1202 	T12/T13-1203 	T12/T13-1204 	T12/T13-1205 
T12/T13-1206 	T12/T13-1207 	T12/T13-1208 	T12/T13-1209 	T12/T13-1001 	T12/T13-1002 
T12/T13-1003 	T12/T13-1004 	T12/T13-1005 	T12/T13-1006 	T12/T13-1007 	T12/T13-1008 
T12/T13-1009 	T12/T13-1010 	T12/T13-1401 	T12/T13-1402 	T12/T13-1403 	T12/T13-1404 
T12/T13-1405 	T12/T13-1406 	T12/T13-BZ 	T12/T13-B2Z 	T12/T13-BC1Z T12/T13-BCF1Z 	T12/T13-BC2Z T12/T13-BCF2Z 
T12/T13-BCM2 	T12/T13-BC3Z T12/T13-BCF3Z 	T12/T13-BCM3 	T12/T13-4C4Z T12/T13-4CF4Z 	T12/T13-D12Z 	T12/T13-D16Z 
T12/T13-D24Z 	T12/T13-D4Z 	T12/T13-KFZ 	T12/T13-KRZ 	T12/T13-WB2 	T12/T13-WB08 
T12/T13-WB12 	T12/T13-WB16 	T12/T13-WD52 	T12/T13-WI 	<div> <div>B Type</div> <div>J Type</div> <div>SMD Type (Spatula type)</div> </div> <div> <div>BC Type</div> <div>K Type</div> <div>Special purpose type</div> </div> <div> <div>C Type</div> <div>SMD Type (Quadrilateral)</div> <div>High heat capacity type</div> </div> <div> <div>D Type</div> <div>I Type</div> <div>SMD Type (Pipe type)</div> </div>	

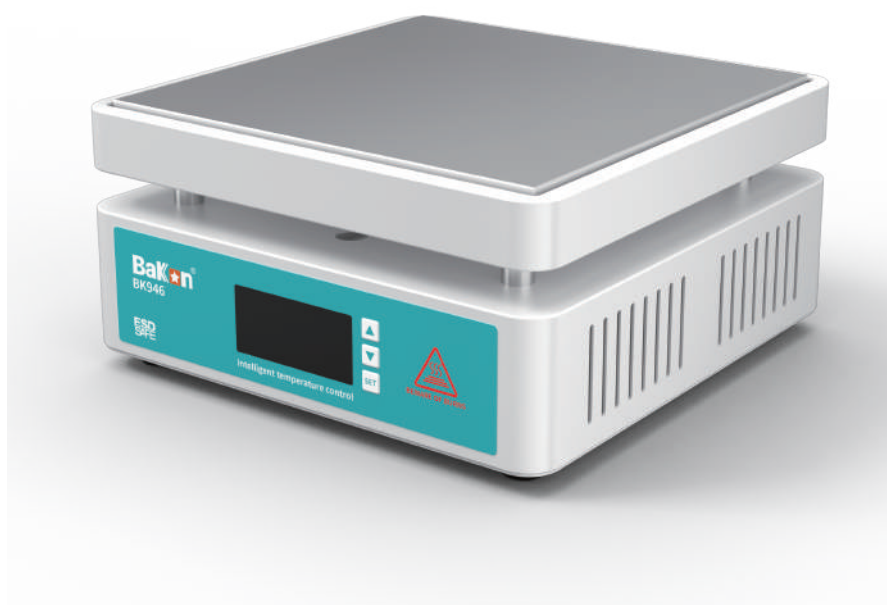
★ The soldering iron tip is only tinned on the bevel

★ T12 compatible for 942, BK950, FX-951, FX-952 lead-free soldering station

# BK946

## Thermostatic heating table

1. Adopt advanced quartz infrared heating element to heat fast and high efficiency.
2. Special IC can accurately control the temperature range, which can be set between 100 degrees and 380 degrees.
3. Built-in temperature sensor, temperature measurement and actual temperature digital tube display.
4. It can be used for preheating of circuit boards and other processes that require uniform heating of the whole.
5. Anti-static design.



1. Any electronic industry sealing, dispensing and constant humidity heating.
2. Welding and maintenance of aluminum substrates in the LED industry.
3. Preheating of mold core in mold factory.
4. BGA repair solder ball, especially suitable for the desoldering work of large-size BGA.
5. Baking, drying and other temperature tests of samples heated at a constant temperature in various industries are essential tools for biology, genetics, medicine and health, environmental protection biochemical laboratories, analysis rooms, and teaching and research.

### Specifications:

Model	BK946
Output Power	650W
Input voltage	AC220V/50Hz
Temperature adjustment range	50°C-350°C
Display form	LCD
Temperature stability	±2°C
Use environment	0-45°C
Dimensions	L220xW220xH110mm
Weight	3Kg

# BK946L

## Thermostatic heating table



### Specifications:

Model	BK946L
Output Power	1600W
Input voltage	220±10%VAC
Temperature adjustment range	50°C-350°C
Display form	LED
Temperature stability	±2°C
Use environment	Temperature :0-45°C
Dimensions	L320xW320xH145mm
Weight	8.5Kg

# BK946P

## Thermostatic heating table



### Specifications:

Model	BK946P
Output Power	2100W
Input voltage	220±10%VAC
Temperature adjustment range	50°C-350°C
Display form	LED
Temperature stability	±2°C
Use environment	Temperature :0-45°C
Dimensions	L420xW320xH145mm
Weight	10.5Kg

# BK946S

## Thermostatic heating table



### Specifications:

Model	BK946S
Output Power	450W
Input voltage	AC230V/50HZ
Temperature adjustment range	50-400°C
Display form	LCD
Temperature stability	±2°C
Use environment	0-45°C
Dimensions	L120xW120xH108mm
Weight	1/1.3kg

# BK8016/BK8020

## Digital display high temperature hot air gun

- 1. For work that requires strict desoldering temperature, adjust the required temperature, such as repairing mobile phones (250-280°C),I blow-welding BGA components, plastic holders or softening other welding materials, removing old paint or painting. (Cement paint, enamel paint and mineral paint cannot be removed by heating).
- 2. Heat shrinkable packaging film, curved plastic tube.
- 3. Polyethylene used for shrinking and joining metals, removing self-adhesive stickers and decorations.
- 4. Solve rusty or too tight metal nuts and screws.
- 5. Before treating grease stains or replacing old grinding powder, it can be softened first.



The high-temperature hot air gun is suitable for melting tin, thawing, paint removal, shrink tube heating laboratory utensils dry and clean, liquid heat transfer, catalytic adhesive, shrink packaging, softening plastic sheets, carpet stitching, removing thread ends in the clothing industry, and quantitative output Heat and all non-fire high temperature heating, there are a variety of nozzles and accessories to choose from, the output power is up to 2000W, the temperature is up to 600 degrees, and the efficiency is high and easy to operate. The special temperature adjustment system can adjust different temperatures at will.

### Specifications:

Model	BK8016	BK8020
Output Power	1600W	2000W
Air volume	250L-500L/Min	250L-500L/Min
Temperature adjustment range	60°C-600°C	50°C-630°C
Dimensions	L245xW185xH70mm	L245xW185xH70mm
Weight	520g	550g



# BK493

## Smart smoke purifier

- 1. The angle of the smoking instrument can be adjusted at will, the placement and movement are simple and convenient, the fan has low noiseand long service life.
- 2. The filter is made of special urethane foam and refined activated carbon, which has a high absorption function.
- 3. There are two types of ordinary and dismantling static electricity.
- 4. The smoking instrument holder is placed on a desktop, which saves working space and is more convenient and free to adjust.
- 5. Efficiently and quickly eliminate toxic gases;



### Specifications:

Model	BK493
Operating Voltage	AC220V 50Hz
Max output power	30W
Inspiratory capacity	1.0m3/min
Dimensions	L225xW410xH190mm
Weight	1.6Kg



# BK261

## Smart smoke purifier

1. Brushless motor, low noise, high speed, stable operation, long life, low power consumption, high efficiency (zero maintenance of the motor, zero consumables).
2. Vortex fan design, fatigue resistance, stable operation, strong air volume, large suction force and high efficiency.
3. The model is equipped with a stepless speed regulator, and the air volume can be adjusted at will.
4. Multiple filtration design to ensure thorough filtration of toxic and harmful substances in the smoke effectively protecting the environment and human health.
5. All filter elements can be replaced individually, which prolongs the service life of the filter element and reduces the cost of the filter element.
6. The installation is simple and convenient, and the machine can be used after disassembly and assembly, which is conducive to the cleanliness and beauty of the working space.
7. All metal frame structure, anti-collision and vibration.
8. Casters are installed at the bottom for easy movement



### Specifications:

Inlet interface	φ50
Input voltage	AC220V/110V ; 50HZ/60HZ
Max Power	100W
System flow	200m³/h
Filter effect	0.3um/99.97%
Noise	< 55dB
Smoke pipe length	1.2M
Dimensions	270*220*290mm
Host weight	8kg

# BK262

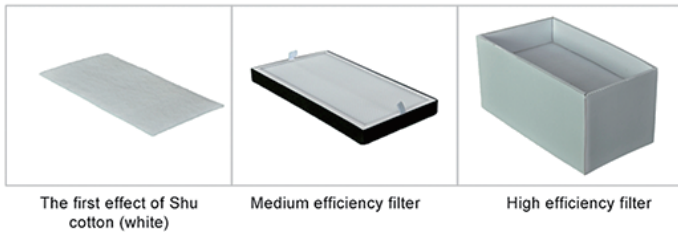
## Smart smoke purifier

1. Brushless motor, low noise, high speed, stable operation, long life, low power consumption, high efficiency (zero maintenance of the motor, zero consumables).
2. Vortex fan design, fatigue resistance, stable operation, strong air volume, large suction force and high efficiency.
3. The model is equipped with a stepless speed regulator, and the air volume can be adjusted at will.
4. Multiple filtration design to ensure thorough filtration of toxic and harmful substances in the smoke effectively protecting the environment and human health.
5. All filter elements can be replaced individually, which prolongs the service life of the filter element and reduces the cost of the filter element.
6. The installation is simple and convenient, and the machine can be used after disassembly and assembly, which is conducive to the cleanliness and beauty of the working space.
7. All metal frame structure, anti-collision and vibration.
8. Casters are installed at the bottom for easy movement.



### Specifications:

Air Inlet Interface	Φ75*2
Input Voltage	Ac220v/110v
Max Power	200w
Wind Speed	2*165m³/h
Effect	0.3um/99.97%
Noise	< 55db
Tube Length	Φ75*1.2m
Dimension	L425xW400xH250mm
Weight	16.2kg



## Principles of welding fume purification:

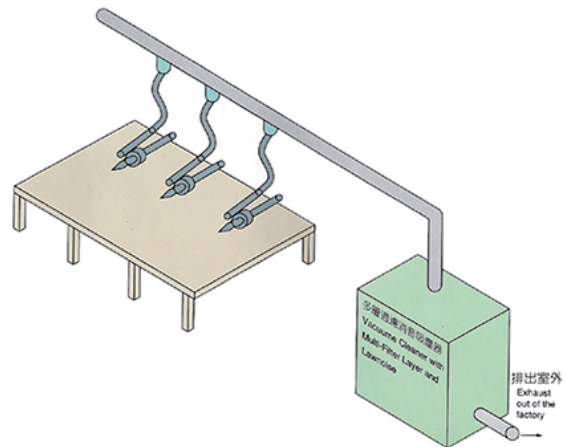
Generally, 95% of soldering fumes are particles that are volatilized by solder and flux at high temperatures. These particles float in the air and can be observed by the human eye under a certain amount of light, that is, the fumes that we can see. The other 5% is emitted as a gas in the air, which is invisible to our naked eyes, and these gases contain a large amount of acetaldehyde, formaldehyde, abietic acid, isocyanate, hydrocarbons and other harmful components. These particles and harmful gases will affect the health of operators and pollute the environment. The torch mist purification system is collected into the equipment of the smoke removal system through various suitable collectors (soldering iron pipes / smoking arms / smoking hoods, etc.) Row to the room.



## Multi-station solder fume purification system:

The traditional soldering fume purification treatment on the production line is to use a smoker equipped with a layer of activated carbon net for purification; or to exhaust it to the outdoors through an exhaust system. The smoking device can only filter the solder fumes simply, but cannot effectively purify the fumes, which cannot meet the requirements of indoor air environmental protection.

The BK260XP fume purifier is specially designed for the purification of the fume generated by the soldering station. The soldering fume is pre-filtered by the fume purification system, the main filter, the gas filter and other multi-stage filtration; it can be directly discharged indoors to meet the indoor air quality standards, Eliminates the need for complex exhaust pipe engineering, because it does not exhaust air, saves indoor air-conditioning energy, and there is no indoor negative pressure caused by exhaust, which is more conducive to maintaining indoor cleanliness.



# BK218

## Spring automatic separator

1. The current customers who use springs that we have contacted generally report that spring winding is a very headache so our company develops a spring separator according to the needs of customers, specifically for the spring winding problem.
2. The spring separator is suitable for AC 50 Hz and 220 volt circuits. Generally used in spring measurement, screening and separation work before spring assembly.
3. Its function is to separate the intertwined springs into single ones. Minus the manual peeling of the spring.
4. This equipment separates cylindrical springs within the range of spring wire diameter  $\phi 0.45$ - $\phi 1.5$ mm, spring outer diameter  $\phi 2$ - $\phi 12$ mm, free height 2-20mm.
5. Its characteristics: small size, light weight, convenient placement, safe and reliable use, fast separation speed, no deformation of the spring after separation, and no coating falling off.



### Specifications:

Model	BK218
Scope of application	Helical (no extension) spring
Input voltage	AC220V
Outer diameter	2-12mm
Free length	2-22mm
Wire diameter	0.45-1.9mm

# BK201/202/203/204

## lead-free round tin furnace

- 1. The welding area is small, which is suitable for tinning of wires and other wires.
- 2. The tin pot is made of imported pure titanium metal, which is resistant to high temperature and corrosion.
- 3. The control part is controlled by a microcomputer chip, and the temperature is accurate and fluctuates little.
- 4. With sleep function, it can prolong the service life of heating element and tin pot.
- 5. It has a fault prompt function, so that the operator can find the fault in time.
- 6. With key lock function to prevent the set temperature from being adjusted by mistake.
- 7. Adopt closed touch switch, easy to operate.



### Specifications:

Model	Output Power	Temperature adjustment range	Weight	Dimension	Tin pot size
BK201	180W	0-600°C	0.3kg	L266xW145xH120mm	Φ36x40
BK202	250W	0-600°C	0.3kg	L266xW145xH120mm	Φ50x40
BK203	400W	0-600°C	0.3kg	L327xW175xH120mm	Φ80x40
BK204	500W	0-600°C	0.3kg	L327xW175xH120mm	Φ100x40



# BK500EF/BK600

## Magnifier

1. High-quality magnifying glass work light, will not be hot after long time use, it is most suitable for precision electronics industry. The spring bracket can be fixed at any point according to your needs for the working environment. Please stay away from strong light to avoid accidents.
2. Fluorescent lights are three primary colors, the light does not flicker, can protect eyesight, the dual combination of magnification and lighting, make the observation clearer and more subtle and the magnification can be selected according to different requirements. The structure design of desktop and bending poles; make Users can adjust the observation angle and position in a wide range according to their needs. (Note: After adjusting the support upper rod, support lower rod and support hook, please ensure that the lamp is stable. To meet the needs of the user.)



BK500E/F magnifying glass

### Specification:

Magnifier	BK500E/F
Gain	3X、 5X、 8X、 10X
Lens material	Glass one has ordinary lenses (green glass)
	Optical lens (white glass)
	Optical master film (double large film 5X small film 10X)
Light source	22W circular fluorescent lamp
Lens diameter	127mm
Power supply	AC 220V, 110V (default 220V, 110V can be customized)
Plug	National standard three-pin plug (other standards can be customized)
Height of floor stand	70cm
Net weight	8Kg



BK600 magnifying glass

### Specification:

Magnifier	BK600
Gain	Daughter 10X, Master 3X
Lens material	Glass master
Light source	12W circular fluorescent lamp
Lens diameter	Daughter chip 22mm, master chip 90mm
Power supply	AC 220V, 110V (default 220V, 110V can be customized)
Plug	National standard two-pin plug (other standards can be customized)

Electronic engineers observe and inspect minute components and component-intensive circuit boards chemical engineering printing and platemaking, stamp collecting, animal and plant specimen development, jewelry industry, students reading books elderly newspapers or medical staff, beauticians etc., which require lighting, Amplify the work.

# BK500EF/BK600

## Magnifier

1. High-quality magnifying glass work light, will not be hot after long time use, it is most suitable for precision electronics industry. The spring bracket can be fixed at any point according to your needs for the working environment. Please stay away from strong light to avoid accidents.
2. Fluorescent lights are three primary colors, the light does not flicker, can protect eyesight, the dual combination of magnification and lighting, make the observation clearer and more subtle and the magnification can be selected according to different requirements. The structure design of desktop and bending poles; make Users can adjust the observation angle and position in a wide range according to their needs. (Note: After adjusting the support upper rod, support lower rod and support hook, please ensure that the lamp is stable. To meet the needs of the user.)



BK500C magnifying glass

### Specification:

Magnifier	BK500C
Gain	3x, 5X, 8x, 10X, 15X, 20X
Lens material	Glass one has ordinary lenses (green glass)
	Optical lens (white glass)
	Optical master film (double large film 5X small film 10X)
Light source	22W circular fluorescent lamp
Lens diameter	127mm
Power supply	AC 220V, 110V (default 220V, 110V can be customized)
Plug	National standard three-pin plug (other standards can be customized)



BK500D magnifying glass

### Specification:

Magnifier	BK500D
Gain	3x, 5X, 8x, 10X, 15X, 20X
Lens material	Glass one has ordinary lenses (green glass)
	Square optical lens
	Optical master film (double large film 5X small film 10X)
Light source	2x7W circular fluorescent tube
Lens diameter	113*177mm
Power supply	AC 220V, 110V (default 220V, 110V can be customized)
Plug	National standard three-pin plug (other standards can be customized)

# BK500EF/BK600

## Magnifier

1. High-quality magnifying glass work light, will not be hot after long time use, it is most suitable for precision electronics industry. The spring bracket can be fixed at any point according to your needs for the working environment. Please stay away from strong light to avoid accidents.
2. Fluorescent lights are three primary colors, the light does not flicker, can protect eyesight, the dual combination of magnification and lighting, make the observation clearer and more subtle and the magnification can be selected according to different requirements. The structure design of desktop and bending poles; make Users can adjust the observation angle and position in a wide range according to their needs. (Note: After adjusting the support upper rod, support lower rod and support hook, please ensure that the lamp is stable. To meet the needs of the user.)



**BK500 magnifying glass**

### Specification:

Magnifier	BK500
Gain	3X, 5X, 8X, 10X, 15X
Lens material	Glass-with ordinary lenses (blue glass)
	Optical lens (white glass)
	Optical master film (double large film 5X small film 10X)
Light source	22W circular fluorescent lamp
Lens diameter	127mm
Power supply	AC 220V, 110V (default 220V, 110V can be customized)
Plug	National standard three-pin plug
	(other standards can be customized)



**BK500B magnifying glass**

### Specification:

Magnifier	BK500B
Gain	3X, 5X, 8X, 10X
Lens material	Glass-with ordinary lenses (blue glass)
	Optical lens (white glass)
	Optical master film (double large film 5X small film 10X)
Light source	22W circular fluorescent lamp
Lens diameter	127mm
Power supply	AC 220V, 110V (default 220V, 110V can be customized)
Plug	National standard three-pin plug
	(other standards can be customized)