BaKon®
www.bakon.cc

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.

BaKon®
白光·中国

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: Room 902, Ruihui Building, Watch Base, Mashantou Community, Matian Street, Guangming District, Shenzhen 518106

ELECTRIC SCREWDRIVER MANUFACTURING FACTORY

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

BAKON

Only **create** more value for you

industrial-level precision electric screwdrivers

Suggested production plan for automation

Produce industrial tools

Lead Free Soldering/Rework

BaKon ®

Good Tools • Best Quality • Professional Achievement Brand

CE (((GAS IAF

Hardware Hand Tools

provided solutions to electrostatic issues

CLIENTS

BMTC 无铅焊接+静电消除方案	中国中车 **CRRC** 无铅焊接+静电消除方案	**mi** 无铅焊接+静电消除方案	**SAMSUNG** 无铅焊接+静电消除方案	**AUX 奥克斯** 无铅焊接+静电消除方案
GREE 静电消除+接地监控方案	美的 **Midea** 静电消除+接地监控方案	华星光电 **CSOT** 无铅焊接+静电消除方案	康佳 **KONKA** 无铅焊接应用方案	**TCL 王牌** 无铅焊接+静电消除方案
ZTE 中兴 自动化设备应用方案	**TRULY® 信利** 无铅焊接+静电消除方案	**BYD** 静电消除+接地监控方案	**HUAWEI** 无铅焊接+静电消除方案	**SKYWORTH** 无铅焊接+静电消除方案
Haier 海尔 自动化设备应用方案	**SUNWODA 欣旺达** 无铅焊接+静电消除方案	**Great Wall 长城** 无铅焊接应用方案	**Hisense 海信空调** 静电消除+接地监控方案	**富士康 FOXCONN** 无铅焊接应用方案

PATENTS

PRODUCT CATALOG

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02 Lead free soldering tip and BGA repair tools

BK900M series, BK600 series, BK200 series, BK500 series, BK501 series Smoking machine automatic screw machine, heating table, tape machine

03 Lead-free dismantling platform tools

GHD-10 GH-100 GHX-10 GHS-10 GBX-1L GEX-3L GH-10L GI-35L

04 ESD protection equipment

intelligent DC ion fan, Horizontal ion fan, DC ion fan, induction ion wind snake, electrostatic tester, surface resistance tester

05 Automatic soldering and locking equipment

Double Y air suction screw machine, single Y air suction screw machine, double Y air suction screw machine, torque tester, split type torque tester, automatic screw supply machine, air blowing hand-held screw machine, Single Y automatic soldering machine, double Y automatic soldering machine, tin cutting machine

BAKON

Desoldering tool equipment

BAKON TOOLS INTELLIGENTLY MANUFACTURING THE FUTURE

Intelligent temperature control soldering station
Intelligent dual control hot air desoldering station

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

Accessories:

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	L190xW260xH130+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

Accessories:

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. Real-time operation is convenient, with magnetic control switch control, the handle is placed on the handle frame and it will immediately enter sleep.
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

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

Accessories:

hot air gun holder

Nozzle

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;

BK902S handle

BK1370 heating core

BK900M soldering tip

Solder wire

Specifications:

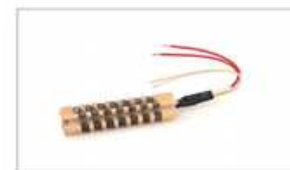| Model	BK601S
Input voltage	AC 230V / 50Hz
Temperature range	180°C ~ 480°C
Max output power	90W
Tip to ground resistance	≤2Ω
Dimensions	160*165*105mm
Weight	≈0.75/1.2Kg

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;
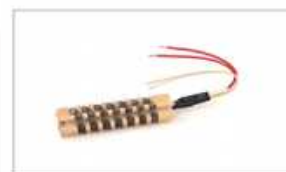
BK853B heating element

nozzle

BK902S handle

HF602S-853B handle

BK900M soldering tip

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

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. HD large display, compact body;

2. Two-in-one design saves work space, and each function can be useddIndependently;

3. Visual operation panel, air volume and temperature adjustable, suitableforremoving various types ofQFP, SOP, PLCC or SOJ chips;

4. Three-level quick temperature adjustment, one-touch rise to preset temperature.

5. Automatic cooling system to prevent heating elements from overheating.

6. High thermal efficiency, fast heating speed and stable temperature.

7. Can use with C115,C210,C245 heating core,wide range of applications.

BK853B heating element

nozzle

BK902S handle

HF602S-853B handle

C210 heating core

Specifications:

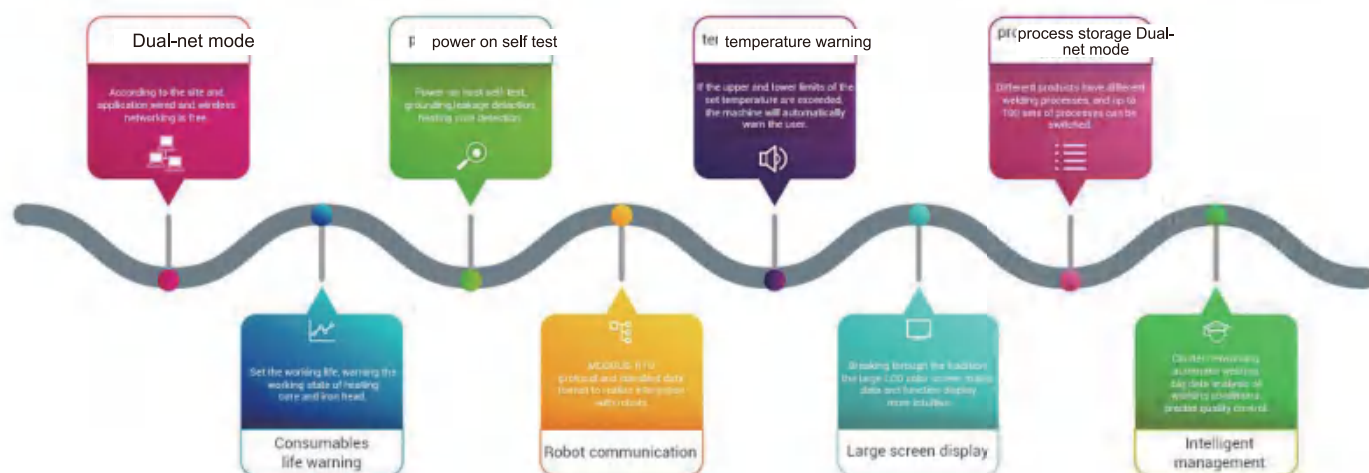|		
Host	Model	BK602PRO
	Output Power	670W
	Input voltage	AC110V / 50Hz
	USB Output Voltage	5V(3A)
	Net Weight	≈1.3kg
	Dimensions	160*165*105MM
Hot air gun	Output Power	550W
	Air flow volume	120L/Min
	Temperature adjustment range	100°C-500°C
	Heating element	853B
Soldering part	Output Power	C115/35W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

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, 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 to actual production needs.

function display

| Dual-net mode	power on self test	temperature warning	process storage Dual-net mode
Consumables life warning	Robot communication	Large screen display	Intelligent management

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.

functional interface:

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 capacily	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	Ethenet/2.4G WiFi
Earth resistance/leakage voltage	4Ω/2mV
I/O allowable voltage	DC24V (PLC control voitage)
I/O allowable current	10mA-3mA (PLC control current)
Dimension	L118*W126*H272 mm
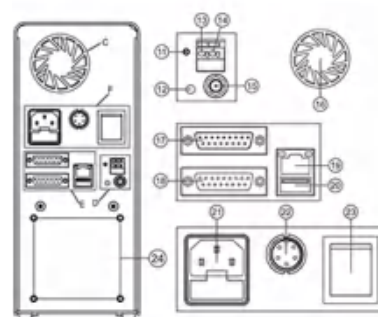
serial number	Bill of Materials	quantity
01	Adjust potentiometer	1PCS
02	Reset the remote parameters to factory defaults	1PCS
03	Detection port (ground/leakage voltage)	1PCS
04	Ground port (equipment ground)	1PCS
05	2.4G antenna interface	1PCS
06	Cooling air outlet	1PCS
07	DB15 male seat	1PCS
08	DB15 female seat	1PCS
09	Wired networking interface	1PCS
10	USB interface	1PCS
20	Product suffix socket	1PCS
21	G-nose soldering iron handle interface	1PCS
22	switch	1PCS
23	Soldering station hanging hole M6	4PCS

BK180S/BK300S

Intelligent temperature control

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.

BK180H/S

911G soldering iron tip (for machine)

500M soldering iron tip (hand use)

BK300H/S

501M soldering iron tip (hand use)

Function display:

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

1. Using 280W electromagnetic heating core, full power output; perfect self-check and automatic protection function;

2. Abundant I/O control interface, suitable for automatic welding application welding process information processing, automatic adjustment of welding parameters; multiple alarm prompts;

3. The alarm signal light can be controlled externally;

4. Life warning function of welding parts;

5. Welding temperature curve display; Chinese/English menu switching;

5. Fahrenheit/Celsius temperature switch;

6. High temperature stability and rapid temperature recovery;

7. Normal working/abnormal signal output;

8. Welding process parameter information editing function;

9. Automatic alarm and protection if the temperature in the soldering station is too high;

Specifications:

Model	BK180S/BK300S
Applicable ambient temperature	-10-45℃
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:
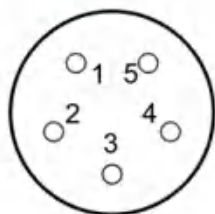
1	PLC 24V
2	Sleep input
3	Alarm Output
4	Temperature OK output
5	PLC GND

Wiring definition of signal output port:

Output port   Wiring diagram   5MA 24V
Output current

Dormant O, Work 1

Alarm Output O

TemperatureOK O

PLC 24V

PLC GND

JP8
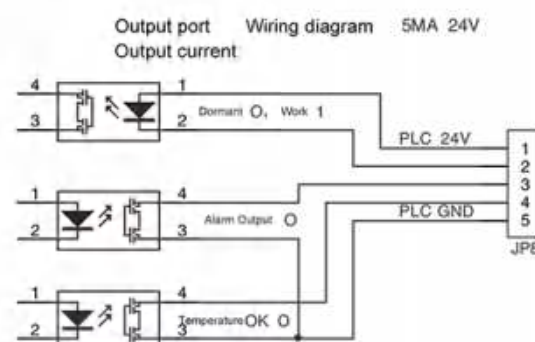
BK999.N
Lead-free soldering station

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 ±2℃.
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.
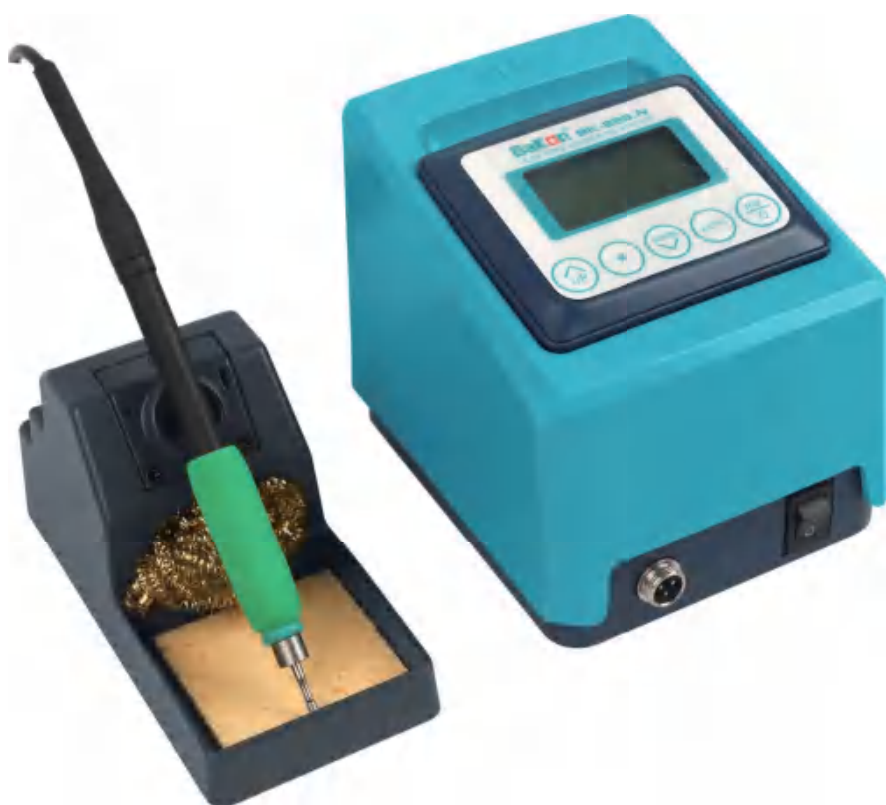
Sleep cord

Specifications:

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

Accessories:

LF998 handle (C210)　　　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.

Real-time temperature

Dormant

Call the police

Password

350℃

SET 350 ℃ POWER

Power display

Temperature setting
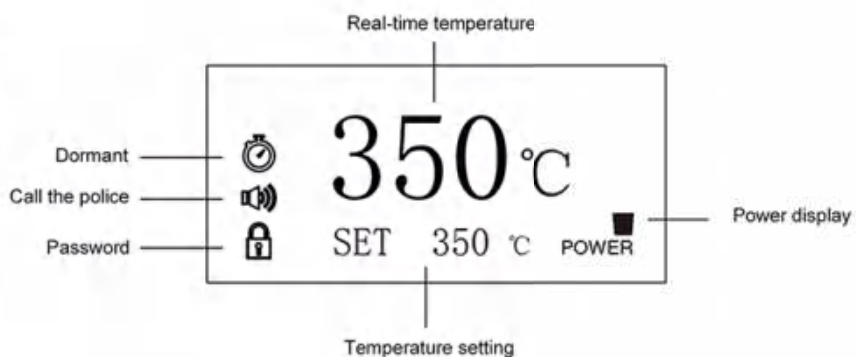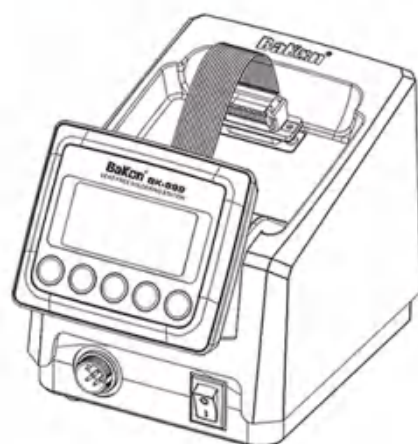
Connection between display box and host

Assemble the display box in the host slot

※ If you use extension cords and hangers, the host can be placed separately

Extension cord

Hanger
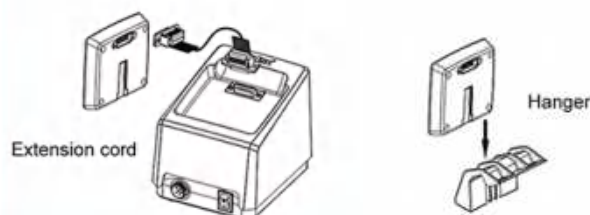
Connect	Measure mV	Measure Ω

Test box

Test box accessory line

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:

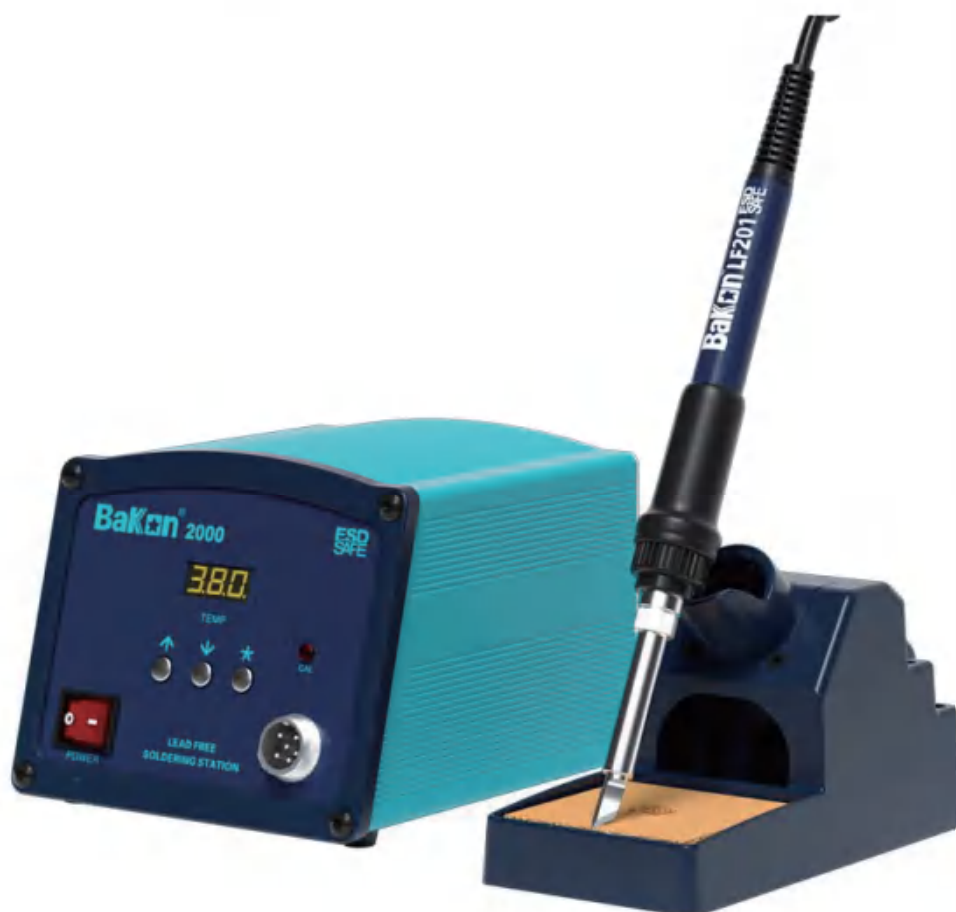| Model	BK60/90
Operating Voltage	AC230V/50HZ
Operating temperature range	200-480°C
Maximum instantaneous power	60/90
Temperature stability (no load)	±2°C
Resistance of soldering iron tip to ground	<2Ω
Potential of the soldering iron tip to the ground	≤2mV
Dimension	L150xW130xH99mm
Correction method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

Accessories:

600M soldering iron tip

BK 906 handle

BK512 soldering iron stand

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.

VH90 heating core

200M soldering iron tip

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

Accessories:

LF100 handle

BK506A soldering iron stand

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.

VH90 heating core

200M soldering iron tip

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

Accessories:

LF201 handle

BK512 soldering iron stand

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.

VH90 heating core

200M soldering iron tip

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

Accessories:

LF202 handle

BK512 soldering iron stand

BK2000S
Eddy current heating intelligent 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;

Accessories:

LF202C handle

H90C heating core
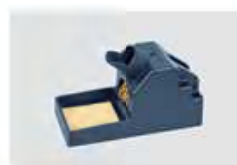
BK512 Soldering iron stand

200M soldering iron tip

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

BK3300S
Eddy current heating lead-free soldering station

1. High-definition large-screen display, compact body;

2. New drive circuit design, fast heating speed

3. Microcomputer control, high temperature stability;

4. Three-level quick temperature adjustment, one key to rise to the preset temperature;

5. Has a sleep function to 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 arbitrary modification of parameters set by different production processes.

Specifications:

Model	BK3300S
Operating Voltage	AC100/240V
Temperature range	100°C ~480°C
Max output power	150W
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

Accessories:

LF301 handle

VH300 heating core
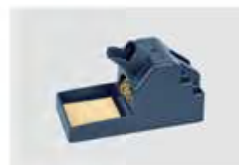
BK512 Soldering iron stand

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.

VH300 heating core

500M soldering iron tip

Accessories:

LF301 handle
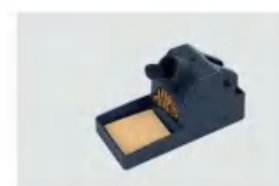
BK512 soldering iron stand

Specifications:

Model	BK3300A
Operating Voltage	AC230V/50Hz
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
Automatic sleep function	Have

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;

H300 heating core

BK500M soldering tip

Specifications:

Model	BK3300D
Operating Voltage	AC 230V / 50Hz
Temperature range	50°C ~ 600°C
Max output power	280W
Tip to ground resistance	≤2Ω
Tip to ground potential	≤2mV
Dimensions	215*126*106mm
Weight	≈ 4.24Kg

BK911G handle

BK515 soldering iron stand

BK968
Efficient constant temperature soldering station

1. The heating body adopts plug-in integrated ceramic heating core, which has long life, stable performance and easy replacement
2. Handle, host, soldering frame with novel appearance, with independent intellectual property rights.
3. Handle body welding engineering design, long-term use of fatigue.
4. It has hibernation function to prevent oxidation of soldering 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

BK1370S heating core

Accessories:

BK90OM series
soldering iron tips

BK506A Soldering
Iron Stand

BK968S
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	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	L107xW150xH80mm
Weight	0.8Kg/0.95Kg

BK1370S heating core

Accessories:

BK90OM series soldering iron tips
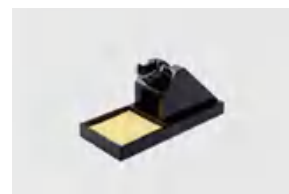
BK506A Soldering Iron Stand

BK969
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.

BK1321S heating core

900M soldering iron tip

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

Accessories:

BK 905 handle

BK515 soldering iron stand

BK969 Upgrades
integrated high efficiency soldering station

1. The heating body uses one ceramic heating core, with long life and constant performance.

2. The thermocouple sensor is located at the top of the heating body, sensitive to temperature and fast return temperature.

3. Handle, host, soldering frame with novel appearance, with independent intellectual property rights.

4. Handle body welding engineering design, long-term use of fatigue.

BK1370 heating core

BK900M soldering 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

Accessories:
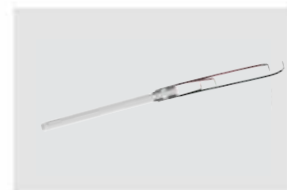
BK 902 handle

BK515 soldering iron stand

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.

T12 integrated heating core

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

Accessories:

LF008 Handle

BK515 soldering iron stand

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

Accessories:

210 handle

BK515 Soldering iron stand

C210 heating core

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.

BK1321S heating core

900M soldering iron tip

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

Accessories:

BK 905 handle

BK515 soldering iron stand

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.

BK1321S heating core

900M soldering iron tip

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

Accessories:

BK 905 handle

BK515 soldering iron stand

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. Adopt an integrated heating core, the sensor is abnormal prompt;
5. The handle adopts patented ergonomic design, and feels comfortable;
6. 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

Accessories:

T12 integrated heating core

LF008 Handle

BK515 soldering iron stand

BK969E
High efficiency digital display constant temperature soldering station

1. wide voltage supply 100-240V;

2. HD large screen display, small body;

4. microcomputer control, high temperature stability;

3. 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	128*104*79mm
Weight	= 0.6Kg/0.8Kg

T12 Heating core

support

BK936ESD
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.

Accessories:

BK90OM series soldering iron tips

BK907ESD handle

BK1321 heating core

BK506A Soldering Iron Stand

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 ±1°℃;
2. The temperature range is 180-450°C, and the temperature error becomes linear, all within the range of ±3°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;

BK1321 heating core

900M soldering iron tip

Specifications:

Model	SBK936D+
Operating Voltage	AC220V/50Hz
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	L141xW130xH90mm
Weight	1.39Kg/1.99Kg

Accessories:

SBK907D+ handle

BK506A soldering iron stand

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 ±2°C.

BK1326 heating core

900M soldering iron tip

Accessories:

SBK907b handle

BK506A soldering iron stand

Specifications:

Model	SBK936b
Operating Voltage	AC220V/50Hz
Temperature range	200°C ~480°C
Max output power	40W
Temperature stability (no load)	±2°C
Tip to ground resistance	<2Ω
Tip to ground potential	<2mV
Dimensions	L170xW120xH93mm
Weight	1.09Kg/1.25Kg

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.

C1321 heating core

900M soldering iron tip

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

Accessories:

SBK907B handle

BK506A soldering iron stand

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;

Accessories:

Foot switch board

LF301 Handle + Tin Tube

VH300 heating core

BK500 Soldering iron stand

500M soldering iron tip

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	2 Ω
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	262x170x146mm
Net/gross weight	≈6.2/6.49 kg

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.

VH90 heating core

Foot switch

200M soldering iron tip

Accessories:

LF302 handle

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 ℃
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.

Foot switch board

Specification:

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

Accessories:

LF301 Handle + Tin Tube

VH300 heating core

BK502 Soldering iron stand

500M soldering iron tip

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.

Accessories:

Tin wire roller

BK900M series soldering iron tips

Photoelectric switch

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

Foot switch board

SBK907B handle

BK375/BK376
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 375Automatic splitting tin machine

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

Test Conditions:

Set the temperature of the soldering iron to 350℃ and 400℃ 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.

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 110V/220V wide voltage

Specification:

Intelligent and efficient temperature control	BK2200
Operating Voltage	AC100/240V,50Hz/60Hz
Temperature range	100℃ ~480°℃
Host rated power	200W
Temperature stability (no load)	±2℃
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℃; Humidity: 45~80%RH
Shape volume	108 (L) x116 (w) x197 (H) mm

Accessories:

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;

Specification:

Intelligent and efficient temperature control	BK2300
Operating Voltage	AC100/240V,50Hz/60Hz
Temperature range	100℃ ~480°℃
Host rated power	300W
Temperature stability (no load)	±2℃
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℃; Humidity: 45~80%RH
Shape volume	108 (L) x116 (w) x197 (H) mm

Accessories:

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;

C470/245 soldering tip

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
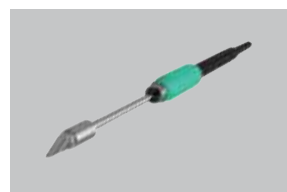
BK470-A handle

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, 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

Accessories:

BK906 handle

BK512 soldering iron stand

Specifications:

Host	Model	BK881
	Display method	Smart LCD screen
	Air outlet device	Blower
	Air volume	120L/Min
	Dimensions	L150xW130xH99mm
	Weight	2.5kg
Spray gun	Power consumption	560W
	Hot air temperature	100-500°C
	Length	120cm
	Weight	184g
Welding 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
Spray gun	Power consumption	550W
	Hot air temperature	100-500°C
	length	120cm
	weight	184g

Accessories:

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.

BK853B heating core

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
Spray gun	Airflow type	Air pump
	Air flow volume	28L/Min
	Temperature adjustment range	100°C-500°C
	Temperature stability	±3°C
Welding part	Temperature adjustment range	100°C~480°C
	Temperature stability	±2°C
	Welding tip to ground voltage/resistance	<2mV/ <2ohm

Accessories:

BK907B handle

BK506A soldering iron stand

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

Accessories:

Nozzle

BK853B heating core

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

Accessories:

Nozzle

BK853B heating core

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.

BK853B heating core

C1321 heating core

900M soldering iron tip

BK506A soldering iron stand

Accessories:

Nozzle

BK907B handle

Specifications:

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

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
Spray gun	Output Power	550W
	Temperature adjustment range	100°C-480°C
	Length	196CM
	Weight120G	180°C~480°C

Accessories:

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

Nozzle

Specifications:

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

Accessories:

BK907E handle

BK506A soldering iron stand

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

Accessories:

Nozzle
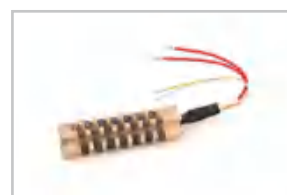
BK853S heating core

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 caneffectively 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	BK3300D
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
Dimentions	145*100*140mm
Net Weight	≈ 1.26kg
Noise	＜45db
Work Environment	-20~40°C
Storage Temperature	-20~80°C
Storage Humidity	35%~45%

Nozzle
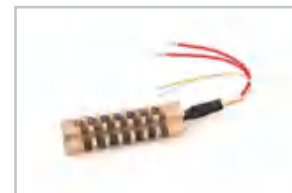
BK853B heating core

BK858E
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 elementscan 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 useddIndependently.

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	130*58*35mm
Weight	≈522g

BK1370 heating core
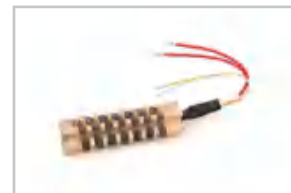
BK853B heating core

BK858S
Portable Hot Air Gun

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 elementscan 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.

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	130*58*35mm
Weight	≈436g
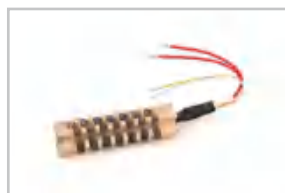
BK853B heating core

BK8586D
Soldering station Two-in-one soldering 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 caneffectively 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.

900M

Nozzle

BK853B heating core

Specifications:

Host	Model	BK8586D
	Display method	LED
	Air outlet device	Blower
	Air volume	120L/Min
	Dimensions	160*95*141mm
	Input voltage	AC230V / 50HZ
Spray gun	Power consumption	550W
	Hot air temperature	100-500°C
	Heating core	853B
	Input voltage	AC230V / 50HZ
Welding part	Power consumption	90W
	Temperature range	180-480°C
	Heating core	1370S
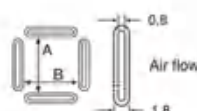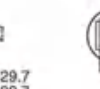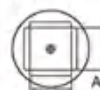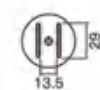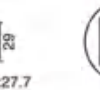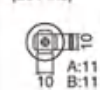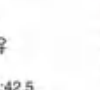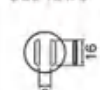
BK903 handle
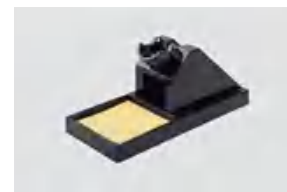
BK506 soldering iron stand

Nozzle series

| QFP | SOP | PLCC | SOJ | BGA(CSP) |

Air flow · 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 FLCC 17.5 x 17.5 (44 Pins)	A1136B PLCC 20 x 20 (52 Pins)
A:10.2 B:10.2	A:15.2 B:15.2	A:19.2 B:19.2	A:15.2 B:21.2	A:29.7 B:29.7	A:18.5 B:18.5	A:21 B:21
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 x17	A1181B BQFP 19 x19
A:26 B:26	A:31 B:31	B:14	A:13 B:13	A:15 B:13	13.6 B:18.2	16 A:19.2 B:19.2
A1182B BQFP 24 x 24	A1184B SOJ 18 x8	A1185B TSOL 13 x10	A1186B TSOL 18 x10	A1187B TSOL 18.5 x 8	A1257B SOP 11 x 21	A1258B SOP 7.6 x 12.7
A:24.2 B:24.2	10	11.9	18.2	18.5	11.7	8.2
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
13.5	8.7	A:20.2 B:20.2	A:12.2 B:12.2	A:27.7 B:39.7	A:40.2 B:40.2	A:32.2 B:32.2
A1188B PLCC 9 x 9 (20 Pins)	A1189B PLCC 34 x34 (100 Pins)	A1203B QFP 35 x35	A1214B SOJ 10 x26	A1215B QFP 42.5 x42.5	A1470 BGA 8 x 8	A1471 BGA 12 x 12
A:11 B:11	A:36.5 B:36.5	A:35.2 B:35.2	12	A:42.5 B:42.5	9	13
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
14	16	19	28	36	39	41

Not compatible with vacuum suction

A1124B* Single φ2.5	A1130* Single φ4.4	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
φ2.5(I.D)	φ4.4(I.D)	4.8	5.7	7.2	7.2	45° 1.5(I.D) 3(I.D)
A1183* SOJ 15 x 8	A1190* Dual Single 2.5 x 9.5	A1191* SIP 25L	A1192* SIP 50L	A1325* Dual Single φ 1.5 x 5-10 Adjustable Pitch		
8	φ2.5(I.D)	26	52.5	φ1.5 (I.D) The pitch between the two nozzles is adjustable		

www.bakon.cc

BK950C
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;

Accessories:

LF998 handles

soldering iron stand

C210 heating core

Specification:

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

BK950D
Efficient constant temperature soldering station

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;

T12 Integrated heating core
(Not standard, need to purchase)

Accessories:

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

LF007 handle

soldering iron stand

BK210
Lithium electric constant temperature soldering iron

1. The handle is light, the same size as the marker;

2. Digital tube display real-time temperature, temperature adjustable;

3. Temperature correction function, compensation can be set;

4. With Fahrenheit/Celsius temperature conversion;

5. Suitable for personal and family maintenance;

6. With hibernation function, hibernation time is adjustable;

7. Plug-in heating core, easy to replace;

8. Use when rechargeable;

9. PID constant temperature control, temperature fluctuation ±2℃.

Specifications:

Model	BK210
Heating core	C210
Temperature range	180°C-450°C
Sleep time	2-99s
Temperature compensation range	±80°C
power	12W
weight	75G
dimension	Hexagonal opposite side 21mm, length 146mm
Charging voltage	DC5V
Charging interface	Type-C

C210 heating core

BK210Pro
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:±2°C
10. Support Chinese and English switching

Specifications:

Model	BK210Pro
Heater element	BC210
Temperature range	180°C-480°C
Sleep time	10-99S
Temperature compensation range	±99°C
Power	40W(Max)
Weight	≈30g
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 Φ3.8x70mm/black gold steel
Heater	Natural mica heating core
Weight	150g/190g

BK932
Internal heating type adjustable thermostat 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	200̊C-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
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.

Accessories:

Soldering iron stand

900M soldering iron tip

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
Power cable	1.5 M
Total length	1.7 M
Weight	165G

BK606S
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 to use;

3. Fast heating speed, 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.

Accessories:

Soldering iron stand

900M soldering iron tip

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: s1mA ; AC230V: ≤1.5mA
Weight	165g/256g

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 to use.
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

Accessories:

soldering iron stand

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:

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

Accessories:

Temperature sensor

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 $\frac{1}{2}$ LCD digital display -/ooo
Power	006P 9V Dry Battery
Life of Battery	More than 150 hours
Dimensions	L160xW80xH45mm
Weight	200g

Accessories:

Temperature sensor

BK192
Soldering iron comprehensive tester

1. It can accurately measure the temperature of the welding tip, leakage voltage and ground impedance;
2. Meet the MIL-STD-2000 leakage voltage test standard;
3. The measurement is actually the root square (TRMS) value;
4. It can adapt to large temperature changes with high accuracy;
5. The test results can be output to the monitor.

Specifications:

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

Accessories:

Temperature sensor

BK-900M 无铅专用烙铁头

BK-600M 无铅专用烙铁头
Dedicated Solder Tips for Leadless Soldering
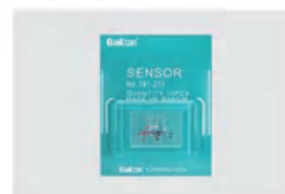
910&911 &911G
Soldering iron tip

911

910

911G

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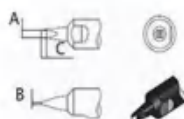
	A	B	C
-16D	ø1.6	0.6	1.5
-20D	ø2.0	0.8	1.5
-24D	ø2.4	0.8	1.5
-30D	ø3.0	1	2
-40D	ø4.0	1.2	2.5

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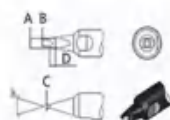
	A	B	C	D
-16DV2	ø1.6	1	0.6	1.5
-20DV2	ø2.0	1.2	0.8	1.5
-24DV2	ø2.4	1.4	0.8	1.5
-30DV2	ø3.0	2.2	1	2
-40DV2	ø4.0	3	1.2	2.5

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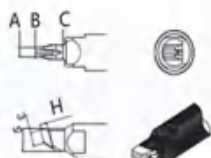
	A	B	C	H
-22N08H18	2.2	0.8	3.2	1.8
-28N08H15	2.8	0.8	3.6	1.5
-24N10H20	3.0	1	4	2
-30N12H23	3.2	1.2	4	2.3
-40N12H28	3.2	1.2	4	2.8

External heat type lead-free soldering iron Tsui

70mm 1.0mm 7mm ⌀4mm **D4-B(30W)**	1.5mm 65mm 25mm 7mm ⌀4mm **D4-D(30W)**	75mm 45° 5.5mm ⌀5mm **D5-BC(40W)**	80mm 0.5mm 15mm ⌀6mm **D6-BBBB(60W)**
70mm 0.8mm 7mm ⌀4mm **D4-BB(30W)**	70mm ⌀4mm **D4-K(30W)**	75mm 45° 4mm ⌀5mm **D5-C(40W)**	80mm 45° 5.5mm ⌀6mm **D6-BC(60W)**
70mm 0.5mm 10mm ⌀4mm **D4-BBBB(30W)**	75mm 1.2mm 5mm ⌀5mm **D5-B(40W)**	1.5mm 75mm 4.0mm 8mm ⌀5mm **D5-D(40W)**	80mm 45° 7mm ⌀6mm **D6-C(60W)**
70mm 0.5mm 10mm ⌀4mm **D4-BBC(30W)**	75mm 0.5mm 7mm ⌀5mm **D5-BB(40W)**	75mm ⌀5mm **D5-K(40W)**	1.4mm 80mm 3.5mm 16mm ⌀6mm **D6-D (60W)**
70mm 45° 10mm 7.0mm ⌀4mm **D4-BC(30W)**	75mm 0.5mm 10mm ⌀5mm **D5-BBBB(40W)**	80mm 1.5mm 9.5mm ⌀6mm **D6-B(60W)**	80mm 0.5mm 10mm ⌀6mm 特**D6-BB(60W)**
70mm 45° 4mm ⌀4mm **D4-C(30W)**	75mm 45° 14mm ⌀5mm **D5-BBC(40W)**	80mm 1.2mm 12mm ⌀6mm **D6-BB(60W)**	80mm 2.0mm 8mm ⌀6mm 特**D6-BC(60W)**

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

200 series lead-free soldering tips

-B 1.0	-H 3.5	-4C 4.0
-2B 2.0	-J 0.5	-1.2D 1.2
-K 1.5	-0.8C 0.8	-1.6D 1.6
-SK 1.5	-1C 1.0	-2.4D 2.4
-I 0.5	-2C 2.0	-3.2D 3.2
-LI 0.5	-3C 3.0	-5D 5.0
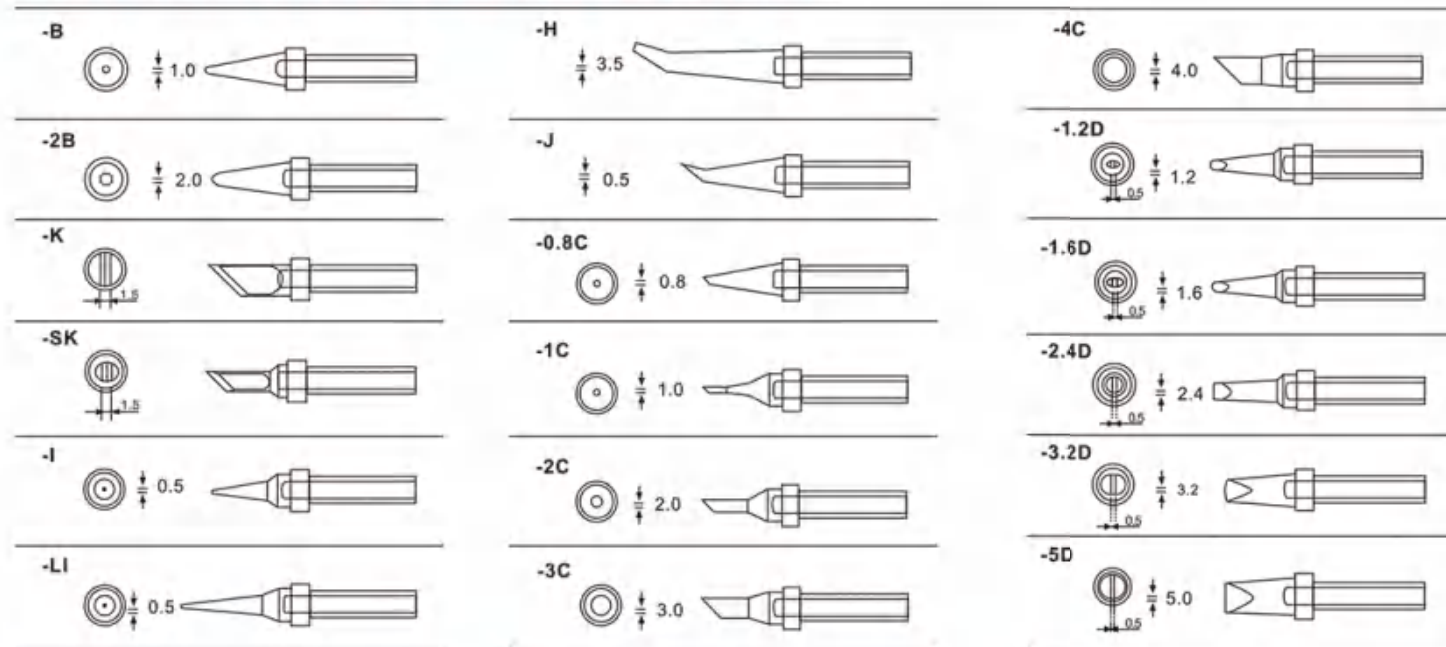
★ 200 series soldering iron head for BK1000, 2000, 2000A, 3200, 3500, 3800
Quick 3202, 3112, 3100, 3101, 3102, 203D, 203, 203H, 204, 204H, 303, etc.

501 series lead-free soldering tips

501-5B
47.60 / 25.60 / ⌀5.00 / 上锡长度：H=8.0mm
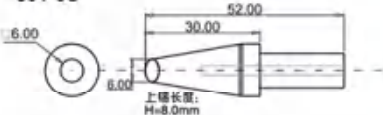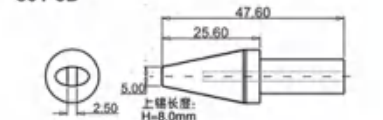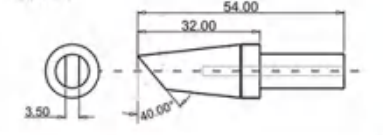
501-3C
52.00 / 30.00 / ⌀3.00 / 上锡长度：H=8.0mm

501-4C
52.00 / 30.00 / ⌀4.00 / 4.00 / 上锡长度：H=8.0mm

501-5C
52.00 / 30.00 / ⌀5.00 / 5.00 / 上锡长度：H=8.0mm

501-6C
52.00 / 30.00 / ⌀6.00 / 6.00 / 上锡长度：H=8.0mm
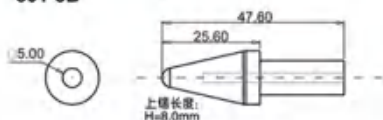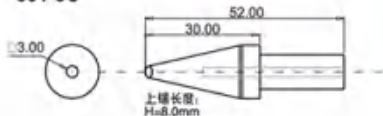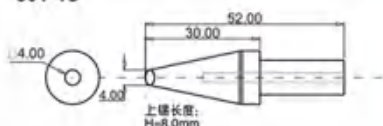
501-5D
47.60 / 25.60 / 5.00 / 2.50 / 上锡长度：H=8.0mm

501-K
54.00 / 32.00 / 3.50 / 40.00°

500 series lead-free soldering tips

500-B
□1.0 / 9.7 / 7.6 / 19.5 / 21.0

500-2B
□2.0 / 19.5 / 21.0

500-8C
□8.0 / 43° / 19.5 / 21.0

500-6C
□6.0 / 43° / 19.5 / 21.0

500-5C
□5.0 / 45° / 19.5 / 21.0

500-4C
□4.0 / 45° / 19.5 / 21.0

500-3C
□3.0 / 45° / 19.5 / 21.0

500-2C
□2.0 / 45° / 19.5 / 21.0

500-1.6D
H1.6 / 0.6 / 18.5 / 21.0

500-2.4D
2.4 / 1.0 / 18.5 / 21.0
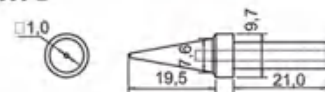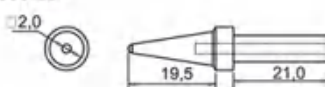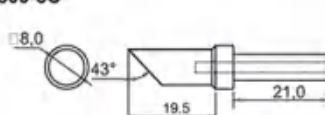
500-3.2D
3.2 / 1.2 / 18.5 / 21.0
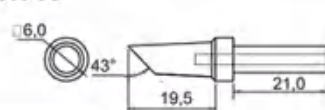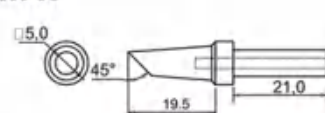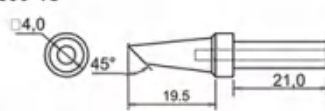
500-4D
4.0 / 1.4 / 20.5 / 21.0
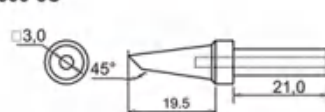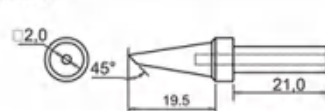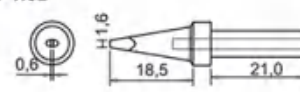
500-5D
5.0 / 2.0 / 20.5 / 21.0
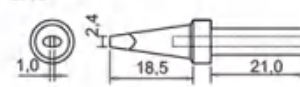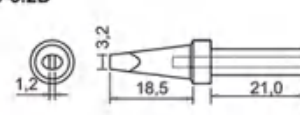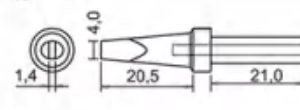
500-I
19.5 / 21.0
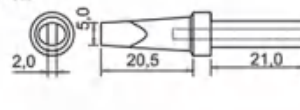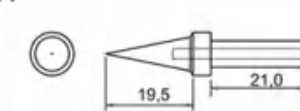
500-K
2.3 / 41° / 21.5 / 21.0
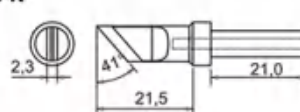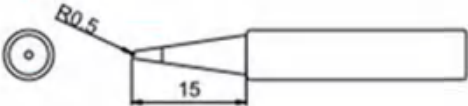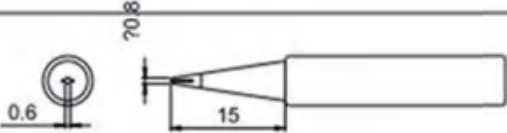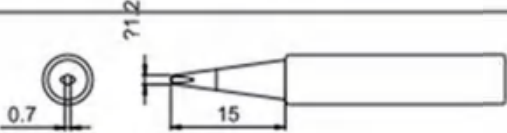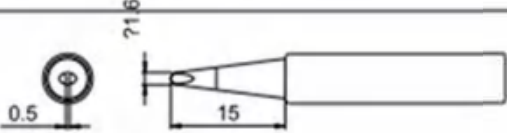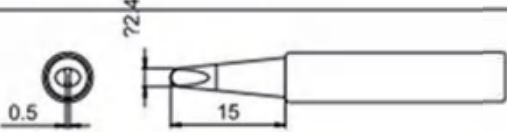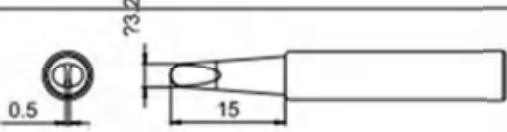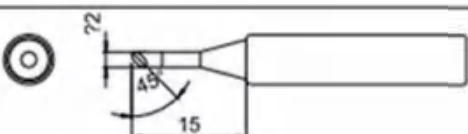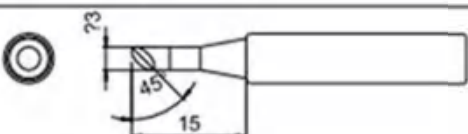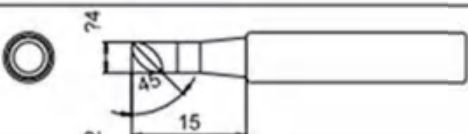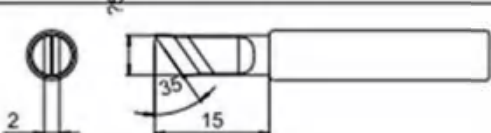
500-SK
45° / 21.0
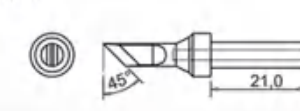
★ 501 series soldering tips compatible for BK3300, Quick206B and other lead-free soldering stations
★ 500 series soldering tips compatible for BK3300L, BK3300A, BK3600, Quick205 (flash) and other lead-free soldering stations
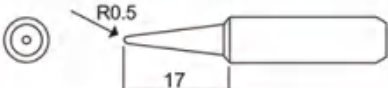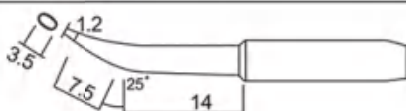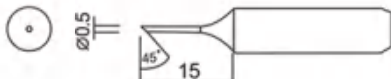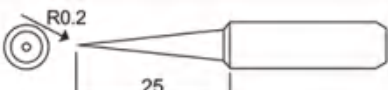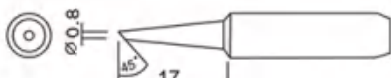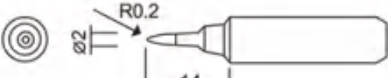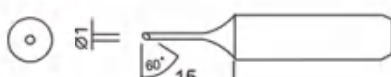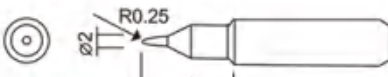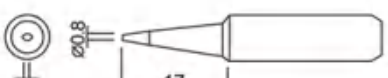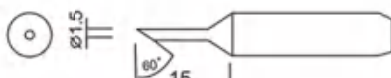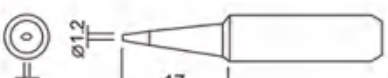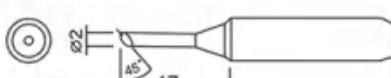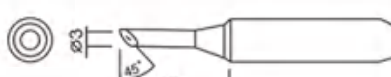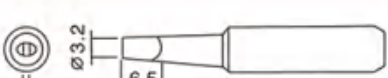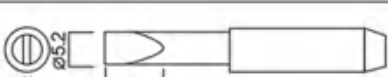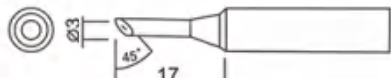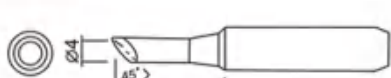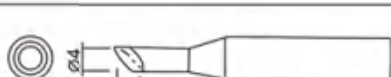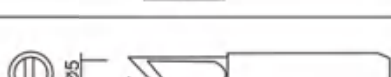
www.bakon.cc

600 series lead-free soldering iron tip

600-B		R0.5 · 15
600-0.8D	0.6	⌀0.8 · 15
600-1.2D	0.7	⌀1.2 · 15
600-1.6D	0.5	⌀1.6 · 15
600-2.4D	0.5	⌀2.4 · 15
600-3.2D	0.5	⌀3.2 · 15
600-2C		⌀2 · 45 · 15
600-3C		⌀3 · 45 · 15
600-4C		⌀4 · 45 · 15
600-K	2	⌀5.2 · 35 · 15

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

Model		Model	
900M-T-B	R0.5 · 17	900M-T-H	1.2 · 3.5 · 7.5 · 25° · 14
900M-T-BF2**			
900M-T-LB	R0.2 · 25	900M-T-0.5C	Ø0.5 · 45° · 15
900M-T-SB	Ø2 · R0.2 · 14	900M-T-0.8C	Ø0.8 · 45° · 17
900M-T-S4	Ø2 · R0.25 · 15	900M-T-1C	Ø1 · 60° · 15
		900M-T-1CF *	
900M-T-0.8D	Ø0.8 · 0.6 · 17	900M-T-1.5CF*	Ø1.5 · 60° · 15
900M-T-1.2D	Ø1.2 · 0.7 · 17	900M-T-2C	Ø2 · 45° · 17
		900M-T-2CF*	
900M-T-1.6D	Ø1.6 · 3 · 0.5 · 17	900M-T-3C	Ø3 · 45° · 17
		900M-T-3CF*	
900M-T-2.4D	Ø2.4 · 5 · 0.5 · 17	900M-T-S10	Ø3 · 45° · 17
900M-T-3.2D	Ø3.2 · 6.5 · 0.5 · 17	900M-T-4C	Ø4 · 45° · 17
		900M-T-4CF*	
900M-T-S3	Ø5.2 · 9 · 1 · 19	900M-T-S11	Ø4 · 55° · 17
900M-T-1.2LD	Ø2 · 0.7 · 25	900M-T-I	R0.2 · 17
900M-T-2LD	Ø2 · 8 · 1 · 25	900M-T-SI	R0.2 · 13
900M-T-1.8H	1 · 1.8 · 7.5 · 25° · 14	900M-T-K	Ø5 · 15

★ 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		

B Type	BC Type	C Type	D Type
J Type	K Type	SMD Type (Quadrilateral)	I Type
SMD Type (Spatula type)	Special purpose type	High heat capacity type	SMD Type (Pipe type)

★ The soldering iron tip is only tinned on the bevel
★ T12 compatible for 942, BK950, FX-951, FX-952 lead-free soldering station

BK946
Preheating station

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.

Application range:

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 indust ology, genetics, medicine and health, environmental protection, biochemical laboratories, analysis rooms, a

Specifications:

Model	BK946
Output Power	650W
Input voltage	AC230V/50HZ
Temperature adjustment range	50-350° C
Display form	LCD
Temperature stability	±2° C
Use environment	0-45° C
Dimensions	220*220*110mm
Weight	2.5/3kg

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	120*120*108mm
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), 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.

BK8016

BK8020

Applies to:

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	L2450xW185xH70mm
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 noise and 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 Voltafe	Ac220v/110v
Max Power	200w
Wind Speed	2*165m³/h
Effect	0.3um/99.97%
Noise	＜55db
Tube Length	Φ75*1.2m
Dimension	425*400*250mm
Weight	16.2kg

The first effect of Shu cotton (white)   Medium efficiency filter   High efficiency filter
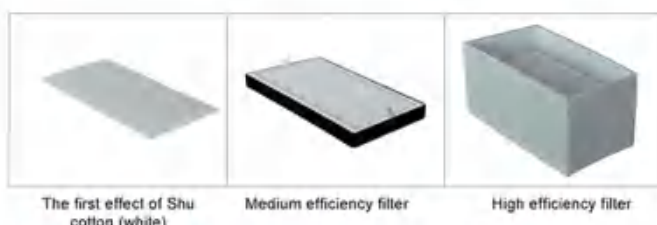
Principles of welding fume purification:

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.

Harmful smoke ⟹ Collector ⟹ Install the pipeline ⟹ Filter path ⟹ Fan ▶ The purified gas is directly discharged indoors
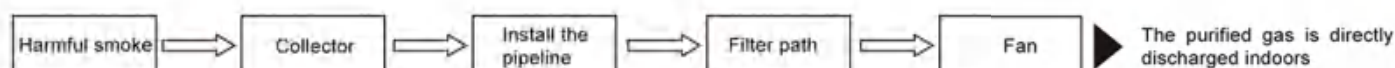
Multi-station solder fume purification system:

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.
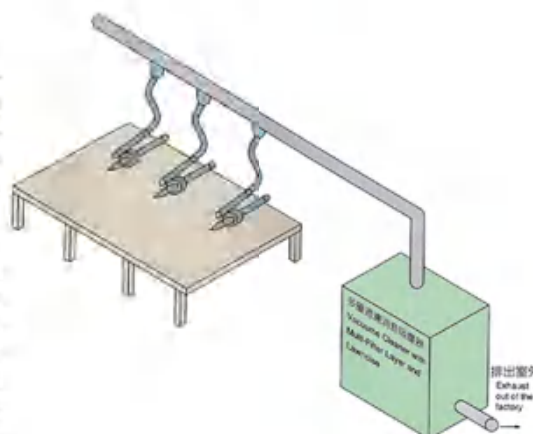
BK218
Spring automatic separator

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 p0.45-p1.5mm, spring outer diameter p2-p12mm, 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.

Stainless steel tray

Tin melting pot

Power switch

Set temperature

Fuse

Actual temperature in the pot

Indicator light

Button

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)

Scope of application:

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.

BK500C/BK500D
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)

Scope of application:

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.

BK500/BK500B
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)

Scope of application:

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.

BRUSH-LESS ELECTRIC SCREWDRIVER

Model introduction

In order to standardize the products of our company

the rules of naming the existing products of our company are as follows:

GH - 10 K PL - J B

1   2   3   4   5   6

DC - 25V - 1 S

1/2   3/4/5   6   7

Number 1: representing style

Number 2: maximum torque range

Number 3: K represents high speed

Number 4: L stands for hand pressing, and PL represents the push-down mode

Number 5: S stands for hand use; J stands for machine use

On behalf of the H5 batch head 6 digits: A, B represent 6.35 group head, C Ø 4 batch of head, Drepresents Ø 5 batch of head

The 1.2 bit power supply: DC means DC power supply

3, 4 and 5 represent voltage: 25V;30V

The number of line holes is indicated in the sixth position: 3 represents the core and 5 represents the core

The 7th position indicates the power supply dimension specification: S represents the small code, and B represents the large code, and M represents the middle code

GHD-10P/KP | GHD-15P/KP | GHD-20P/KP | GHD-25P
No carbon brush electric starter - push down
medium torque series

Model introduction

ESD
Additional purchase   3PIN

Product features

1.Adopting high-quality brushless motor, strong performance, high stability and long service life.

2.Low vibration, low noise, low electromagnetic interference, comply with anvironmental requirements, especially applicable to dustfree working environment.

3.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force, and long-term use not easily damaged.

4.The newest power supply design, break through the traditional volume big, the power consumption big drawback, use medium is lighter, more convenient, apply to AC100V-250V working environment.

5.The output torque is accurate and stable, and the accuracy is within ±3%.

6.The appearance is designed according to the ergonomic grip, and the shell is made of high-grade PC material, compact in size, light in weight impact-resistant, comfortable to use, not easy to fatigue after long-term use, and improves production efficiency.

7.The internal gear components are made of high-quality alloy steel, which is more durable and stable.

Torque diagram
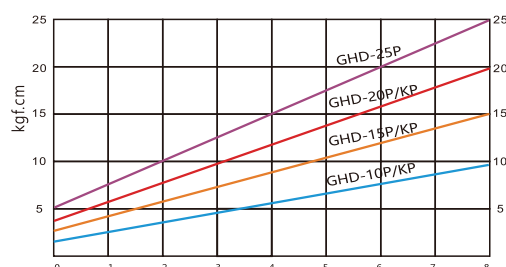
Technical Parameter

Aircraft type		GHD-10P/KP	GHD-15P/KP	GHD-20P/KP	GHD-25P/KP
Input Voltage		DC-30V			
Torque range	(Kgf.cm)	2-10	3-15	4-20	5-25
	(Lbf.in)	1.74-8.68	2.6-13	3.47-17.36	4.34-21.7
	(N.m)	0.2-1	0.3-1.5	0.4-2	0.5-2.45
Torque accuracy		±3%	±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless	Stepless
Start the way		Hand press type	Hand press type	Hand press type	Hand press type
Idle speed (R.P.M)		1200/1800	1200/1800	1200/1800	1200
Weight (Kg)		≈1.13/1.26Kg	≈1.13/1.26Kg	≈1.13/1.26Kg	≈1.13/1.26Kg
No load current (A)		0.3A	0.3A	0.3A	0.3A
Applicable starter		Φ5/H6.35	Φ5/H6.35	Φ5/H6.35	Φ5/H6.35
Applicable screw diameter (mm)	Self-tacking tooth	2.0-3.0	2.3-3.5	2.6-4.0	2.6-5.0
	Mechanical tooth	1.6-2.6	2.0-3.0	2.0-3.0	2.6-4.5

Power controller

Three-core power supply for hand

Technical parameter

input voltage	AC-110V-240V
output voltage	DC 30V
Output current	3A
Rated power	90W

GH-100 | GH-150
No carbon brush electric starter - hand pressing
High torque series

Model introduction

Accessories

ESD
Additional purchase   5PIN

Product features

1.The front end of the product adds a grip, which makes it easier to use and labor-saving when working with high torque.
2.Adopting high-quality brushless motor, strong performance, high stability and long service life.
3.Low vibration, low noise, low electromagnetic interference, comply with anvironmental requirements, especially applicable to dustfree working environment.l
4.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force, and long-term use not easily damaged.
5.The newest power supply design, break through the traditional volume big, the power consumption big drawback, use medium is lighter, more convenient, apply to AC100V-240V working environment.
6.The output torque is accurate and stable, and the accuracy is within ±3%.
7.The appearance is designed according to the ergonomic grip, and the shell is made of high-grade PC material, compact in size, light in weight impact-resistant, comfortable to use, not easy to fatigue after long-term use, and improves production efficiency.
8.The internal gear components are made of high-quality alloy steel, which is more durable and stable

Torque diagram

GH-150
GH-100
kgf.cm

![Bakon logo]
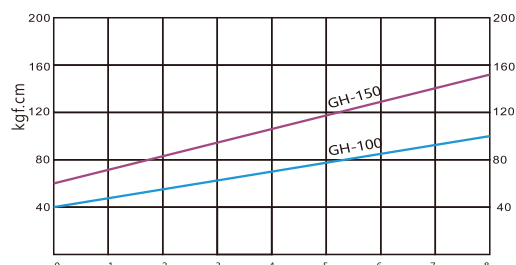
Aircraft type		GH-100	GH-150
Input Voltage		DC-30V	
Torque range	(Kgf.cm)	40-100	60-150
	(Lbf.in)	34.72-86.8	52.08-130.19
	(N.m)	3.9-9.8	5.9-14.7
Torque accuracy		±3%	±3%
Torque adjustment		Stepless	Stepless
Start the way		Hand press type	Hand press type
Idle speed (R.P.M)		600	350
Weight (Kg)		≈1.53/3.0Kg	≈1.53/3.0Kg
No load current (A)		0.8A	0.8A
Applicable starter		H6.35	H6.35
Applicable screw		M5/M6/M8	M6/M8/M10

Power controller

Power supply

Technical parameter

input voltage	AC-100V-240V
output voltage	DC 30V
Output current	7A
external dimension	210W
Weight (g)	260

Product structure

(GH-100)

(GH-150)
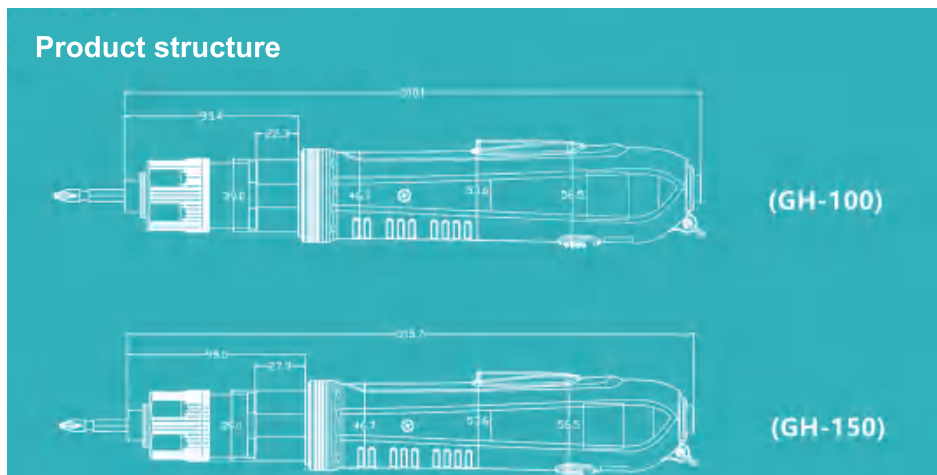
GHX-10KL20 | GHX-10KL25 | GHX-15KL25 | GHX-17KL20
2000/2500 rpm fast no carbon brush electric starter- hand pressing/medium torque series

Model introduction

G H X - 10 KL 20 - S D

1   2   3   4   5   6

Number 1: representing style
Number 2: "10" represents the maximum torque value(kg)
Number 3: represents fast hand press mode
Number 4: represents the speed, such as "20" represents
2000 revolutions
Number 5: "S" stands for manual use
Number 6: "D" represents the batch header specification as φ5

ESD
Additional purchase   3PIN   5PIN

Product features

1. Imported brushless motor, strong performance, high stability and long service life.
2. Low vibration, low noise, low electromagnetic interference, comply with environmental requirements, especially applicable
   to dustfree working environment.
3. The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force, and
   long-term use not easily damaged,
4. The newest power supply design, break through the traditional volume big, the power consumption big drawback, use medium is lighter
   more convenient, apply to 100V-250V working environment.
5. The torque is accurate, the torque is accurate and the torque is adjusted by using professional tools so that you don't have to worry about the torque.
6. Specially designed for screw assembly automation equipment, with signal output, is the best choice for the manufacturer of screw assembly
   automation equipment.
7. The products are fully functional and meet all kinds of industrial needs.

Torque diagram

GHX-17KL20
GHX-15KL25
GHX-10KL20/25

Dimension

239
45
25
45
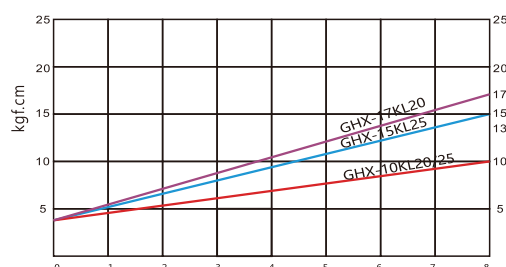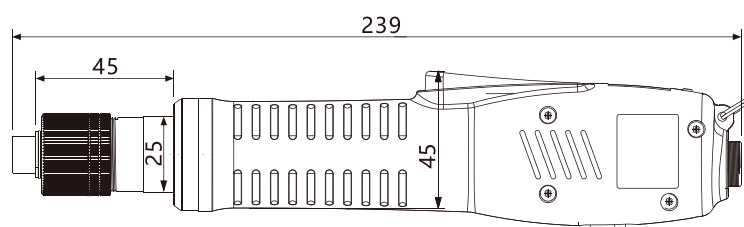
Technical Parameter

Aircraft type		GHX-10KL20	GHX-10KL25	GHX-15KL25	GHX-17KL20
Input Voltage		DC-30V			
Torque range	(Kgf.cm)	3-10	3-10	3-15	3-17
	(Lbf.in)	2.6-8.68	2.6-8.68	2.6-13	2.6-14.76
	(N.m)	0.29-0.98	0.29-0.98	0.29-1.47	0.29-1.67
Torque accuracy		±3%	±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless	Stepless
Torque adjustment mode		Back stop screw	Back stop screw	Back stop screw	Back stop screw
Start the way		Hand press type	Hand press type	Hand press type	Hand press type
Idle speed (R.P.M)		2000	2500	2500	2000
Weight (Kg)		1.3-1.4kg	1.3-1.4kg	1.3-1.4kg	1.3-1.4kg
No load current (A)		0.3A	0.3A	0.3A	0.3A
Applicable starter		Φ5	Φ5	Φ5	Φ5
Applicable screw diameter (mm)	Mechanical tooth	2.3-3.5	2.3-3.5	2.3-3.5	2.3-3.5
	Self-tacking tooth	2.0-3.0	2.0-3.0	2.0-3.0	2.0-3.0

Note: Applicable to automatic machine and hand series, automatic machine with five-core power supply and five-core power cord.

Power controller

Five core power machine

Three core power supply for hand

Technical parameter

input voltage	AC100-240V
output voltage	DC 30V
Output current	3A
external dimension	137.5x76x32(MM)
Weight (g)	260

GHS-10L/KL | GHS-15L/KL | GHS-20L/KL | GHS-25L/KL
No carbon brush electric starter - hand pressing/medium torque series

Model introduction

G H S - 1 L - S C
1 2 3 4 5

Number 1: representing style

Number 2: "1" represents maximum torque value (Kg)

Number 3: "L" represents the starting mode for hand press

Number 4: "S" stands for manual use

Number 5: "C" on behalf of the group of head specifications for φ5

Additional purchase ESD 3PIN 5PIN
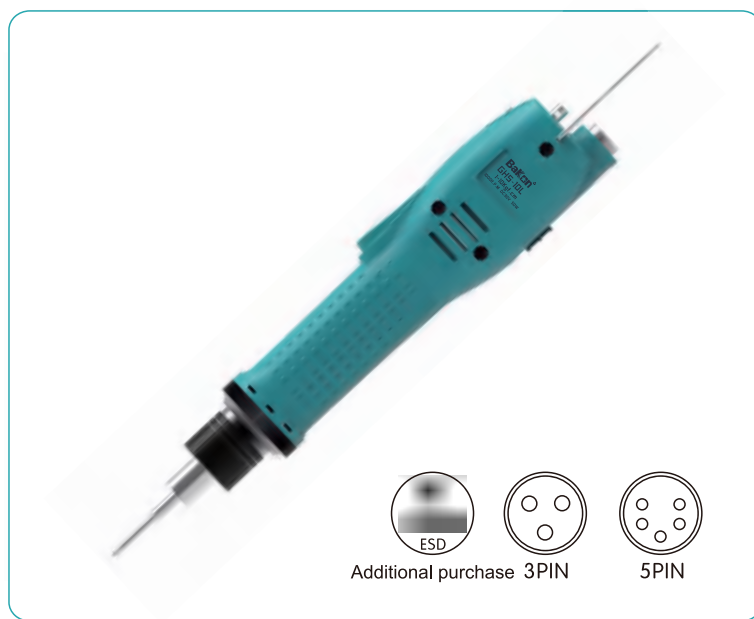
Product features

1.Imported brushless motor for less noise and durability.

2.The world's first, no button 1 switch, all with Hall sensor switch, longer life.

3.Torque adjustment patent design, professional tools adjust torque, torque Settings more accurate, torque precision higher.
   (domestic and foreign first technical patents)

4.Power patent design, double voltage 110V ~ 250V working environment, use more convenient and safe.

5.The outer type is designed according to the ergonomic grip, the shell is made of high-grade PC, the volume is exquisite
   the weight is light, the impact resistance, the use is comfortable, the long time use is not easy to fatioue, raises the production efficiencyl

6.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force
   and long-term use not easily damaged.

7.The internal gear assembly is made of high quality alloy steel, which is more durable and stable.

Torque diagram

kgf.cm

GHS-25L/KL
GHS-20L/KL
GHS-15L/KL
GHS-10L/KL

Dimension

205

52
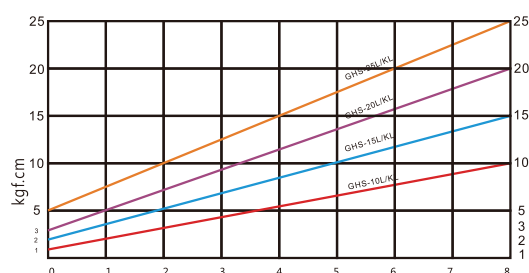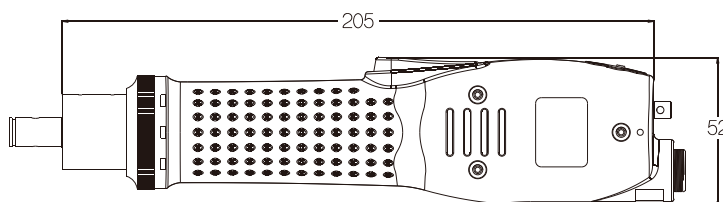
technical parameter

Aircraft type		GHS-10L/KL	GHS-15L/KL	GHS-20L/KL	GHS-25L/KL
Input Voltage		DC-30V			
Torque range	(Kgf.cm)	1-10	2-15	3-20	5-25
	(Lbf.in)	0.87-8.7	1.74-13.02	2.6-17.36	4.34-21.7
	(N.m)	0.1-0.98	0.2-1.47	0.29-1.96	0.49-2.45
Torque accuracy		±3%	±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless	Stepless
Torque adjustment mode		Back stop screw	Back stop screw	Back stop screw	Back stop screw
Start the way		Hand press type	Hand press type	Hand press type	Hand press type
Slow (R.P.M)		1000	1000	1000	1000
Idle speed (R.P.M)		2000-2500	2000-2500	2000-2500	2000-2500
Weight (Kg)		1.3/1.4kg	1.3/1.4kg	1.3/1.4kg	1.3/1.4kg
No load current (A)		0.3A	0.3A	0.3A	0.3A
Applicable starter		Φ5/H5	Φ5/H5/H6.35	Φ5/H5/H6.35	Φ5/H5/H6.35
Applicable screw diameter (mm)	Mechanical tooth	2.0-3.0	2.3-3.5	2.6-4.0	1.6-5.0
	Self-tacking tooth	1.6-2.6	2.0-3.0	2.0-3.0	2.6-4.5

Power controller

Five core power machine

Three core power supply for hand

Technical parameter

input voltage	AC100-240V
output voltage	DC 30V
Output current	3A
external dimension	137.5x76x32(MM)
Weight (g)	260

GBX-1L / GBX-2L / GBX-3L
Brushless electric screwdriver low torque series

Model introduction

G B X - 1 L - S C

1   2 3   4 5

Number 1: representing style
Number 2: "10" represents the maximum torque value(kg)
Number 3: represents fast hand press mode
Number 4: represents the speed, such as "20" represents
2000 revolutions
Number 5: "S" stands for manual use
Number 6: "D" represents the batch header specification as φ5

ESD
Additional purchase   3PIN   5PIN

Product features

1.Imported brushless motor, strong performance, high stability and long service life.
2.Low vibration, low noise, low electromagnetic interference, comply with environmental requirements.especially applicable to
   dustfree working environment.
3.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force, and long-term
   use not easily damaged.
4.The newest power supply design, break through the traditional volume big, the power consumption big drawback, use medium is lighter
   more convenient, apply to 100v 250V workingenvironment.
5.The power line is designed with silicon wire anti-hardening three-core wire, and the service life is too long.
6.Torque setting precision torque, high precision, screw assembly work is particularly suitable for mobile phone, digital cameras and other
   high precision products.
7.The outer type is designed according to the ergonomic grip, the shell is made of high-grade PC, the volume is exquisite, the weight is light
   the impact resistance, the use is comfortable, the long time use is not easy to fatigue, raises the production efficiency.
8.Speed 0-1000rpm can be adjusted to meet your different needs.
9.The products are fully functional and meet all kinds of industrial needs.

Torque diagram

Dimension
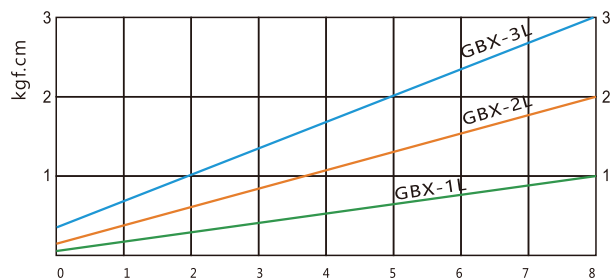
Technical parameter

Aircraft type		GBX-2L	GBX-3L
Input Voltage		DC 25V	
Torque range	(Kgf.cm)	0.2-2	0.3-3
	(Lbf.in)	0.17-1.7	0.26-2.6
	(N.m)	0.02-0.2	0.03--0.3
Torque accuracy		±3%	±3%
Torque adjustment		Stepless	Stepless
Torque adjustment mode		Back stop screw	Back stop screw
Start the way		Hand press type	Hand press type
Idle speed (R.P.M)		1000	1000
Weight (Kg)		0.8/0.9kg	0.8/0.9kg
No load current (A)		0.3A	0.3A
Applicable starter		Φ4	Φ4
Applicable screw diameter (mm)	Mechanical tooth	1.0-1.8	1.0-2.0
	Self-tacking tooth	1.0-2.0	1.0-2.3

Power controller

Three core power supply for hand
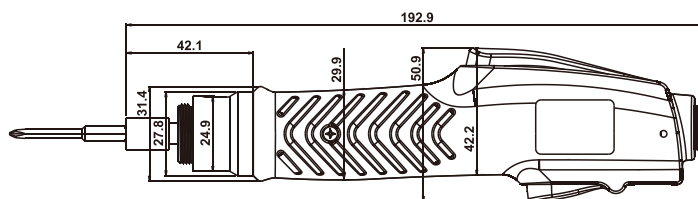
Technical parameter

input voltage	AC100-250V
output voltage	DC 25V
Output current	3A
external dimension	108.9x60x33(MM)
Weight (g)	133

GEX-3L/KL / GEX-5L/KL / GEX-12L/KL
No carbon brush electric starter - low/medium torque series

Model introduction

G E X - 2 L - S C
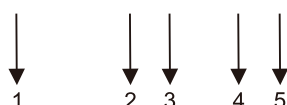
1   2 3   4 5

Number 1: representing style
Number 2: "2" represents maximum torque value (Kg)
Number 3: "L" represents the starting mode for hand press
Number 4: "S" stands for manual use
Number 5: "C" on behalf of the group of head specifications for φ4

ESD
Additional purchase   3PIN   5PIN
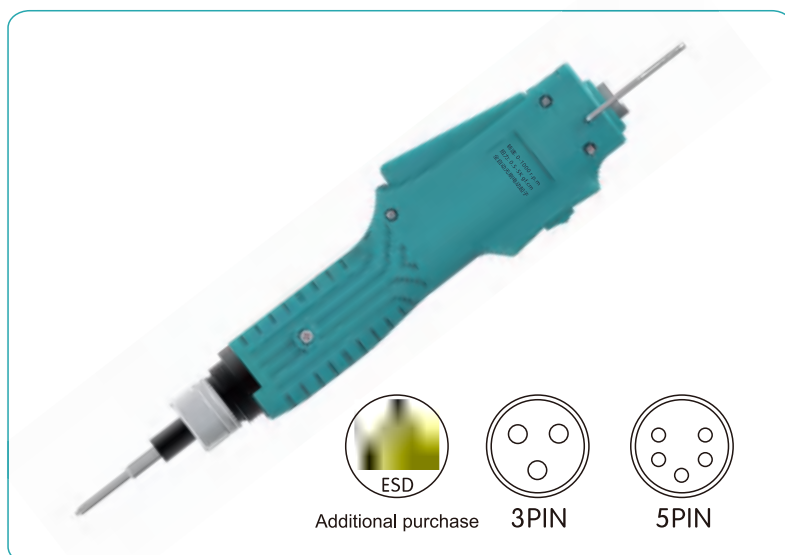
Product features

1.Adopt the import brushless motor, the performance is strong, the stability is high, the service life exceeds long.
2.Low vibration, low noise, low electromagnetic interference, comply with environmental requirements, especially applicable
   to dustfree working environment.
3.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force, and
   long-term use not easily damaged.
4.The latest power design, breaking the traditional large size, large power consumption shortcomings, more light and convenient in
   use, applicable to the working environment of 100v-250v.
5.The power line is designed with silicon wire anti-hardening three-core wire, and the service life is too long.
6.The torque is accurate and the torque is high, especially suitable for the screw assembly of high precision products such as mobile
   phones and digital cameras.
7.The outer type is designed according to the ergonomic grip, the shell is made of high-grade PC, the volume is exquisite, the weight
   is light, the impact resistance, the use is comfortable, the long time use is not easy to fatigue, raises the production efficiency.
8.The speed of 0-1000rpm can be adjusted to suit your different needs.
9The products are fully functional and meet all kinds of industrial needs.

Torque diagram

kgf.cm

GEX-12L
GEX-5L
GEX-3L

Dimension

211
39
23
42
33.4
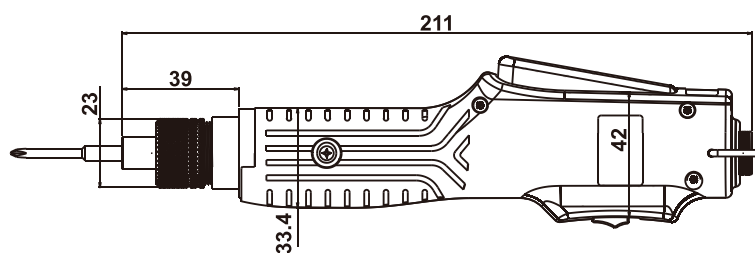
Technical parameter

Aircraft type		GEX-3L/3KL	GEX-5L/5KL	GEX-12L/12KL
Input Voltage		DC-30V		
Torque range	(Kgf.cm)	0.3-3	0.5-5	2-12
	(Lbf.in)	0.26-2.6	0.43-4.3	1.74-10.4
	(N.m)	0.03--0.3	0.05--0.5	0.02--1.2
Torque accuracy		±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless
Torque adjustment mode		Back stop screw	Back stop screw	Back stop screw
Start the way		Hand press type	Hand press type	Hand press type
Idle speed (R.P.M)		1000/1400	1000/1400	1000/1400
Weight (Kg)		1.1/1.2kg	1.1/1.2kg	1.1/1.2kg
No load current (A)		0.3A	0.3A	0.3A
Applicable starter		Φ4/Φ5	Φ4/Φ5	Φ4/Φ5
Applicable screw diameter (mm)	Mechanical tooth	1.0-1.7	1.0-1.7	1.0-2.3
	Self-tacking tooth	1.0-1.5	1.0-1.7	1.0-2.0

Power controller

Technical parameter

Five core power machine

Three core power supply for hand

input voltage	AC-100V-250V
output voltage	DC 30V
Output current	3A
external dimension	137.5x76x32(MM)
Weight (g)	260

GH-10L/KL | GH-15L/KL | GH-20L/KL | GH-25L/KL
No carbon brush electric starter - low/medium torque series

Model introduction

G H - 10 L - S A
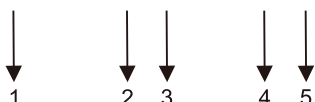
1   2 3   4 5

Number 1: representing style
Number 2: "10" represents the maximum torque value(kg)
Number 3: "L" represents the starting mode for hand press
Number 4: "S" stands for manual use
Number 5: "A" represents the batch header specification as φ5

ESD
Additional purchase   3PIN   5PIN

Product features

1.Imported brushless motor, strong performance, high stability and long service life.
2.Low vibration, low noise, low electromagnetic interference, comply with environmental requirements, especially
   applicable to dustfree working environment.
3.The internal stop device adopts magnetic induction system, with high sensitivity, Instantaneous braking, low impact force
   and long-term use not easily damaged.
4.The newest power supply design, break through the traditional volume big, the power consumption big drawback, use medium is
   lighter, more convenient, apply to 1oov 250V working environment.
5.The torque is accurate, the torque is accurate and the torque is adjusted by using professional tools so that you don't have to worry about the torque.
6.A perfect combination of push-start and push-down dual mode functions, with just a small switch to make your use more arbitrary.
7.Specially designed for screw assembly automation equipment, with signal output, is the best choice for the manufacturer of screw
   assembly automation equipment.
8.The speed of 0-1200rpm can be adjusted to suit your different needs.
9.The products are fully functional and meet all kinds of industrial needs.

Torque diagram

GH-25L/KL
GH-20L/KL
GH-15L/KL
GH-10L/KL

kgf.cm

Dimension

213
55
24
35.8

Bakon®
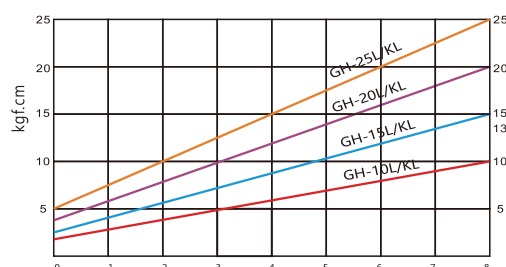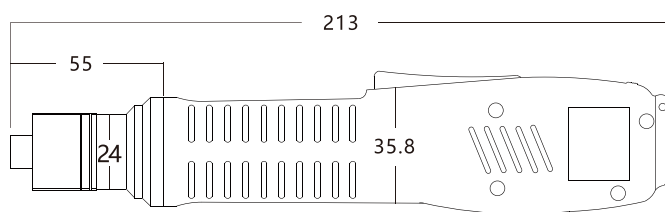
Aircraft type		GH-10L/KL	GH-15L/KL	GH-20L/KL	GH-25L
Input Voltage		DC-30V			
Torque range	(Kgf.cm)	1-10	2-15	3-20	5-25
	(Lbf.in)	0.87-8.7	1.74-13.02	2.6-17.36	4.34-21.7
	(N.m)	0.1-0.98	0.2-1.47	0.29-1.96	0.49-2.45
Torque accuracy		±3%	±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless	Stepless
Torque adjustment mode		Back stop screw	Back stop screw	Back stop screw	Back stop screw
Start the way		Hand press type	Hand press type	Hand press type	Hand press type
Slow (R.P.M)		1000/1800	1000/1800	1000/1800	1000
Idle speed (R.P.M)		2000-2500	2000-2500	2000-2500	2000-2500
Weight (Kg)		1.15/1.3kg	1.3/1.4kg	1.3/1.4kg	1.3/1.4kg
No load current (A)		0.3A	0.3A	0.3A	0.3A
Applicable starter		Φ4/5/H6.35	Φ4/5/H6.35	Φ4/5/H6.35	Φ4/5/H6.35
Applicable screw diameter (mm)	Mechanical tooth	2.0-3.0	2.3-3.5	2.6-4.0	1.6-5.0
	Self-tacking tooth	1.6-2.6	2.0-3.0	2.0-3.0	2.6-4.5

Power controller

Five core power machine

Three core power supply for hand

Technical parameter

input voltage	AC100-240V
output voltage	DC 30V
Output current	3A
external dimension	137x76x32(MM)
Weight (g)	260

GI-35L / GI-45L
No carbon brush electric screwdriver·high torque series

### Model introduction

G I - 45 L - J B
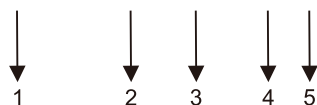
1   2   3   4 5

Number 1: representing style
Number 2: "2" represents the maximum torque value(kg)
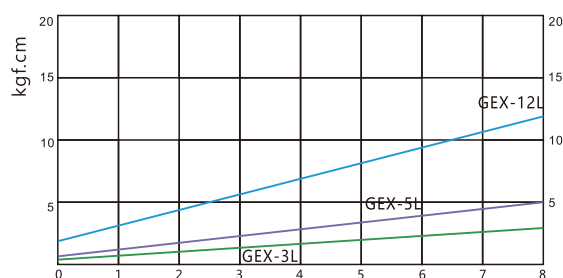Number 3: "L" represents the starting mode for hand press
Number 4: "J" stands for auto lock screw machine
Number 5: "B" represents the batch header specification of 6.35

ESD
Additional purchase   3PIN   5PIN

Product features

1.Adopt the import brushless motor, the performance is strong, the stability is high, the service life exceeds long.
2.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force
   and long-term use not easily damaged.
3.The gear assembly is made of high quality alloy steel, which is more durable and stable.
4.Low vibration, low noise, low electromagnetic interference, comply with environmental requirements, especiallyapplicable to
   dustfree working environment.
5.The outer type is designed according to ergonomic grip, small volume, light weight, impact resistance,comfortable use, long time
   use not easy to fatigue, improve production efficiency.
6.The speed of 0-650rpm can be adjusted to suit your different needs.

Torque diagram

GI-45L
GI-35L

kgf.cm

45 45
35 35
20 20
10 10
5   5

0 1 2 3 4 5 6 7 8

Dimension

270.9
58.1
39
49.9
53.5
30.9
43.1
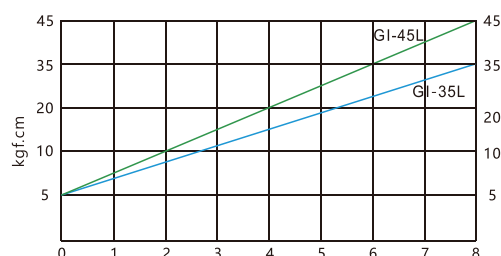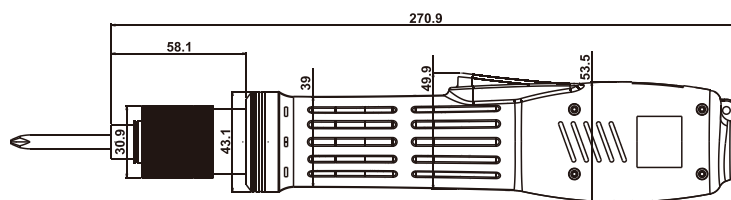
Technical parameter

Aircraft type		GI-35L	GI-45L
Input Voltage		DC-30V	
Torque range	(Kgf.cm)	10-35	15-45
	(Lbf.in)	8.68-30.38	13.02-39.06
	(N.m)	0.98-3.43	1.47-4.41
Torque accuracy		±3%	±3%
Torque adjustment		Stepless	Stepless
Torque adjustment mode		Back stop screw	Back stop screw
Start the way		Hand press type	Hand press type
Idle speed (R.P.M)		650	650
Weight (Kg)		1.45/1.6kg	1.45/1.6kg
No load current (A)		0.3A	0.3A
Applicable starter		6.35	6.35
Applicable screw diameter (mm)	Mechanical tooth	2.6-4.2	2.6-5.0
	Self-tacking tooth	2.6-3.5	2.6-4.2

Power controller

Technical parameter

Three core power supply for hand

input voltage	AC100-240V
output voltage	DC 30V
Output current	5A
external dimension	152.7x86.3x43.5(MM)
Weight (g)	388

GLX-10L / GL-15L
No carbon brush electric screwdriver
hand pressing/medium torque series

Model introduction

G L X - 10 L - S D
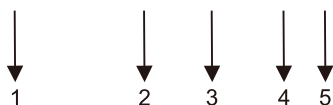
1   2   3   4 5

Number 1: representing style
Number 2: "2" represents the maximum torque value(kg)
Number 3: "L" represents the starting mode for hand press
Number 4: "S" stands for manual use
Number 5: "D"on behalf of the group of head specifications for φ5

ESD
Additional purchase   **3PIN**

Product features

1.Adopt the import brushless motor, the performance is strong, the stability is high, the service life exceeds long.
2.The internal stop device adopts magnetic induction system, with high sensitivity, instantaneous braking, low impact force
   and long-term use not easily damaged.
3.The gear assembly is made of high quality alloy steel, which is more durable and stable.
4.Low vibration, low noise, low electromagnetic interference, comply with environmental requirements, especiallyapplicable to
   dustfree working environment.
5.The outer type is designed according to ergonomic grip, small volume, light weight, impact resistance,comfortable use, long
   time use not easy to fatigue, improve production efficiency.
6.The speed of 0-1000rpm can be adjusted to suit your different needs.

Torque diagram

GLX-15L
GLX-10L
kgf.cm

Dimension

179.6
53.0
12.6
25.0
35.0
41.8

Technical Parameter

Aircraft type		GLX-10KL20	GLX-10KL25	GLX-15KL25	GLX-17KL20
Input Voltage		DC-30V			
Torque range	(Kgf.cm)	3-10	3-10	3-15	3-17
	(Lbf.in)	2.6-8.68	2.6-8.68	2.6-13	2.6-14.76
	(N.m)	0.29-0.98	0.29-0.98	0.29-1.47	0.29-1.67
Torque accuracy		±3%	±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless	Stepless
Start the way		Hand press type	Hand press type	Hand press type	Hand press type
Idle speed (R.P.M)		2000	2500	2500	2000
Weight (Kg)		1.3/1.4kg	1.3/1.4kg	1.3/1.4kg	1.3/1.4kg
No load current (A)		0.3A	0.3A	0.3A	0.3A
Applicable starter		Φ5	Φ5	Φ5	Φ5
Applicable screw diameter (mm)	Self-tacking tooth	2.3-3.5	2.3-3.5	2.3-3.5	2.3-3.5
	Mechanical tooth	2.0-3.0	2.0-3.0	2.0-3.0	2.2-3.0

Power controller

Technical parameter

Five core power machine

Three core power supply for hand

input voltage	AC100-240V
output voltage	DC 30V
Output current	3A
external dimension	137x76x32(MM)
Weight (g)	260

GES-5LCS / GES-12LCS / GES12LDS
Brushless Electric Screwdriver

Model introduction

GES - 5 L C S
1   2 3 4 5

Number 1: Representative style
Number 2: Maximum torque range
Number 3: L stands for hand press
Number 4: C stands for mediumφ4 batches
        D stands for medium φ5 batches
Number 5: S is for hand use

ESD
Additional purchase   3PIN

Product features

1.Adopt high-quality brushless motor, powerful performance, high stability and long service life.
2.Low vibration, low noise, low electromagnetic interference, in line with environmental protection requirements,
   suitable for use in dust-free working environment.
3.The internal stop device adopts a magnetic induction system, which has high sensitivity, instant braking, low impact force,
   and is not easy to be damaged after long-term use.
4.The latest power supply design breaks through the traditional shortcomings of large size and high power consumption.
   It is lighter and more convenient to use, and is suitable for AC100V-240V working environment.
5.The output torque is accurate and stable, and the accuracy is within +3%.
6.The appearance is designed according to ergonomic grip, and the shell is made of high-grade PC material, which is compact in size,
   light in weight, impact-resistant, comfortable to use, not easy to fatigue after long-term use, and improves production efficiency.
7.The internal gear components are made of high-quality alloy steel, which is more durable and stable.

Torque diagram
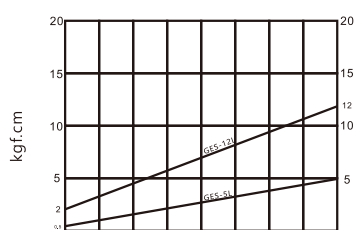
Technical parameter

Aircraft type		GEX-3L/3KL	GEX-5L/5KL	GEX-12L/12KL
Input Voltage		DC-30V		
Torque range	(Kgf.cm)	0.3-3	0.5-5	2-12
	(Lbf.in)	0.26-2.6	0.43-4.3	1.74-10.4
	(N.m)	0.03-0.3	0.05-0.5	0.2-1.2
Torque accuracy		±3%	±3%	±3%
Torque adjustment		Stepless	Stepless	Stepless
Start the way		Hand press type	Hand press type	Hand press type
Idle speed (R.P.M)		1000/1400	1000/1400	1000/1400
Weight (Kg)		1.1/1.2kg	1.1/1.2kg	1.1/1.2kg
No load current (A)		0.3A	0.3A	0.3A
Applicable starter		Φ4 Φ5	Φ4 Φ5	Φ4 Φ5
Applicable screw diameter (mm)	Mechanical tooth	1.0-1.7	1.0-1.7	1.0-2.3
	Self-tacking tooth	1.0-1.5	1.0-1.7	1.0-2.0

Power controller

Five core power machine

Three core power supply for hand

Technical parameter

input voltage	AC100-240V
output voltage	DC 30V
Output current	3A
external dimension	137x76x32(MM)
Weight (g)	260

GLY-10L / GLY-15L
Electric Screwdriver

Model introduction

GLY - 10 L C S

1 2 3 4 5

Number 1: Representative style
Number 2: Maximum torque range
Number 3: L stands for hand press
Number 4: C stands for medium φ4 batches,
　　　　　　D stands for medium φ5 batches
Number 5: S is for hand use

ESD
可选购　　3PIN

Product features

1.Adopt high-quality world-class brushed motor, powerful performance, high stability and long service life.

2.Low vibration, low noise, low electromagnetic interference, in line with environmental protection requirements, suitable for use in conventional environments.

3.The internal stop device adopts magnetic induction system, which has high sensitivity, instant braking, low impact force, and is not easy to be damaged after long-term use.

4.The latest power supply design breaks through the traditional shortcomings of large size and high power consumption, and is lighter and more convenient to use. It is suitable for the working environment of AC100V-240V.

5.The output torque is precise and stable.

6.The appearance is designed according to the ergonomic grip, and the shell is made of high-grade PC material.

7.The internal gear components are made of high-quality alloy steel, which is more durable and stable.

Torque diagram

kgf.cm

GLY-15L
GLY-10L

Dimension

224.7
34.6

Technical parameter

Aircraft type		GLY-10L	GLY-15L
Input Voltage		DC36V	
Torque range	(Kgf.cm)	2-10	3-15
	(Lbf.in)	1.74-8.68	2.6-13
	(N.m)	0.2-0.98	0.29-1.47
Torque adjustment		Stepless	Stepless
Start the way		Hand press type	Hand press type
Idle speed (R.P.M)		1200	1200
Weight (Kg)		≈0.7/0.8Kg	≈0.7/0.8Kg
No load current (A)		0.3A	0.3A
Applicable starter		Φ4/Φ5	Φ4/Φ5
Applicable screw diameter (mm)	Mechanical tooth	2.0-3.0	2.3-3.5
	Self-tacking tooth	1.6-2.6	2.0-3.0

Power controller

Technical parameter

Three core power supply for hand

rated power	80W
Input voltage	AC100-240V
The output voltage	DC 36V
Output current	2.2A

GLW-10L / GLW-15L
Electric Screwdriver

Model introduction

GLW – 10 L C S

1   2   3   4   5

Number 1: Representative style
Number 2: Maximum torque range
Number 3: L stands for hand press
Number 4: C stands for medium φ4 batches,
   D stands for medium φ5 batches
Number 5: S is for hand use

ESD 可选购   3PIN

Product features

1.Adopt high-quality world-class brushed motor, powerful performance, high stability and long service life.
2.Low vibration, low noise, low electromagnetic interference, in line with environmental protection requirements, suitable for use in conventional environments.
3.The internal stop device adopts magnetic induction system, which has high sensitivity, instant braking, low impact force, and is not easy to be damaged after long-term use.
4.The latest power supply design breaks through the traditional shortcomings of large size and high power consumption, and is lighter and more convenient to use. It is suitable for the working environment of AC100V-240V.
5.The output torque is precise and stable.
6.The appearance is designed according to the ergonomic grip, and the shell is made of high-grade PC material.
7.The internal gear components are made of high-quality alloy steel, which is more durable and stable.

Torque diagram

Dimension

224.7
34.6
GLW-15L
GLW-10L
kgf.cm

Technical parameter

Aircraft type		GLW-10L	GLW-15L
Input Voltage		DC36V	
Torque range	(Kgf.cm)	2-10	3-15
	(Lbf.in)	1.74-8.68	2.6-13
	(N.m)	0.2-0.98	0.29-1.47
Torque adjustment		Stepless	Stepless
Start the way		Hand press type	Hand press type
Idle speed (R.P.M)		1000	1000
Weight (Kg)		≈0.7/0.8Kg	≈0.7/0.8Kg
No load current (A)		0.3A	0.3A
Applicable starter		Φ4/Φ5	Φ4/Φ5
Applicable screw diameter (mm)	Mechanical tooth	2.0-3.0	2.3-3.5
	Self-tacking tooth	1.6-2.6	2.0-3.0

Power controller

Three core power supply for hand

Technical parameter

rated power	75W
Input voltage	AC100-240V
The output voltage	DC 30V
Output current	2.5A

BK2 / 10 / 20 / 50 / 100 / 200C
Digital torsion tester

Product features

1.Automatic shutdown (OFF after 10 minutes).

2.Can calculate the maximum value of torque, minimum and mean value.

3.Torque value display automatically zeroes.

4.Automatic deletion of torque value (the time required to adjust theautomatic reset by switching).

5.Use LCD to display test values. Easy to read.

6.The torque value can be set and the buzzer can be used to prompt the operator.

7.When setting tool torque, peak display is retained until reset to ensure accuracy.

8.The speed of 0-1000rpm can be adjusted to suit your different needs.

9.It can be tested when the reverse direction is reversed.

10.Inverse time direction measurement, data show negative

11.The strain gauge is directly attached to the torsion sensor.The design of its own shock-proof device is simple

12.Can be connected to external data processing control system

13.This tester USES rechargeable batteries,Small size.Light weight, easy to carry

14.The data output port can be transmitted to the computer for processing

Original packaging

In line with computer
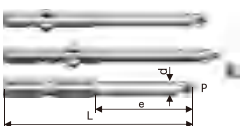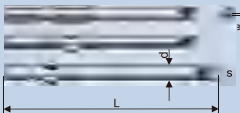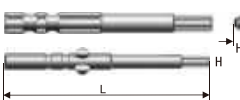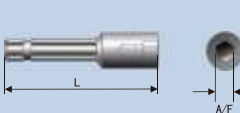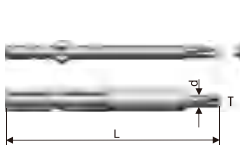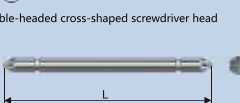
Technical parameter

Digital torsion tester		2KG	10KG	20KG	50KG	100KG	300KG
The peak range	N.M	0.003-0.20	0.015-1.00	0.03-2.00	0.075-5.00	0.15-10.00	0.75-50.00
	N.cm	0.3-20.0	1.5-100.0	3.00-200.0	7.5-500.0	15-1000	75-5000
	ibf.in	0.03-1.8	0.15-9.0	0.30-18.0	0.75-45.0	1.5-90.0	7.5-450.0
	(kgf.cm)	0.03-2.00	0.15-10.00	0.30-20.0	0.75-50.0	1.5-100.0	7.5-500.0
Accuracy*		within ±1% (at full scale)					
Power		five 1.2V NiMH cells 1,000 mA					
Recharge time		up to 6 hours					
Running time on full charge (continuous operation)		8 hours					
Battery life		About 300 chargings					
Dimensions		See figure					
Weight		1.8 kg					
Battery charger		Runs on 100-240 VAC power(50 or 60 Hz) Output 7.3-8 V DC (0.5A)					

Optional online software:
Real-time torsion data acquisition
Draw the torsion curve
Test data can export EXCEL
Table for analysis
Generate test report

Start the header specification table   High quality steel and precision machined high quality durable screwdriver heads

Style	Specification				L
	Back-end model	Size			
Cross-head screwdriver		d	p	e	
			00		
		2.0-2.6	0	20-30	40-200
			1		
		3.0-5.0	2		
A font screwdriver head			W		
		2.0-3.0	0.4		40-100
		3.0-4.0	0.6		
		4.5-5.0	0.8		
Hexagon head screwdriver	A: 5mm Hex	H			
	B: 1/4″ Hex	1.27/1.5/2.0			40-100
	C: 4mmø	2.5/3.0/4.0			
	D: 5mmø	5.0/6.0			
Hex socket		A/F			
		2.2-14.0			50-150
Plum-type sctewdriver head		d	T		
		2.0	T5-T6		
		2.5	T7-T8		
		3.0	T9-T10		
		3.5	T15		40-100
		4.0	T20		
		5.0	T25		
		6.0	T30		
Double-headed cross-shaped screwdriver head	A: 5mm Hex	P			
	B: 1/4″ Hex	1			45-300
		2			

Starting point number description:

$$A-L-d-e-P$$

(00, 0, 1, 2 0.4, T5,...) Output specifications	
Front-end length	
Front-end diameter D	
The total length of L	

Back-end model
A: 5mm Hex   B: 1/4″ Hex
C: 4mmø   D: 5mmø

BK-300 / BK-500
Split torque tester/torsion meter

Product features

1.Automatic shutdown (OFF after 10 minutes);

2.Can calculate the maximum value, minimum and mean of torque;

3.The torque value is shown to be automatically zeroed;Automatic deletion of torque value (the time required to adjust the automatic reset by switching);

4.Liquid crystal digital display test values, easy to read, no mistakes.;

5.Torque value can be set. And can be used to prompt operators;

6.When setting tool torque, peak display is retained until reset to ensure accuracy;

7.It can be tested when the reverse direction is reversed;Inverse time direction measurement, data show negative;

8.The strain gauge is directly attached to the torsion sensor. The design of its own shock-proof device is simple;

9.Can be connected to external data processing control system;

10.This tester is equipped with rechargeable battery, small size, light weight and easy to carry

Technical parameter

Type no.		BK-300	BK-500
The peak range	N.m	1.0-30	1.5-50
	Kgf.cm	10-300	15-500
precision		Less than 1% + / -	
model		Highest, full and highest	
Volume (mm)		123(L)x230(W)x65(H)mm	
Weight (kg)		1.8	
The power supply		1.2 V NiCd battery 5, 1200mAh	
Charging time		6 hours	
Continuous service time		8 hours	
transformer		Input AC 120V or 220 ~ 240V, output DC 7.25 V 120mA	

BK735/735S
Automatic screw feeder

1. Adjustable type, wide range of rail can be adjusted freely and widely used a variety of types and the length of the screw, such as M1.0 - M5.0 standard dimension respectively silk 1.0/1.2/1.4/1.7/2.0/2.3/2.6/3.0/5.0/3.5/4.0), special screws, 1:1 short screw, belt washer screw, etc
2. The smooth operation of the screws in the drum movement, all the screws that do not enter the track will be removed to the drum, who enters the next cycle, no card screw phenomenon, take the point position will not shake before and after.
3. The working rate is adjustable, the feed vibration drive is independently controlled, and the ideal delay stop time can be set freely to adjust the screw feed speed, which is suitable for a variety of operations.
4. Easy operation Operation method Whether it is metric or British specifications, can operate freely, simple and easy to understand, even beginners can learn immediately.
5. Can greatly improve productivity Do not have to align the screw head position, compared to the traditional screw plate, each screw can save 1.4 seconds, 4 times higher production efficiency!
6. Count function (some models) count function automatic alarm, cycle, with digital display panel, at a glance.
7. Fault alarm function When abnormal conditions occur, the screw will automatically start the fault alarm device.
8. Small size, no space

(BK735 machine with automatic screw feeder)   (BK735S hand automatic screw feeder)

Specifications:

Model	BK735	BK735S
Screw head	Suits each tape ofscrew(Lmax=10mm)	≤20mm
Output speed	1 screw /s±0.3/s	60-180PCS/ min
Input voltage	AC220V-240V 50Hz	AC220V
Product size	L202.5xW126xH149mm	L203xW127xH148mm
Net weight	3.0 kg	3.0 kg

BK735PRO
Machine with automatic screw feeder

1. Silo capacity is 2 times that of ordinary screws.
2. Special screws can be used, 1:1 short screws with gasket screws.
3. Can freely adjust the feeding speed, speed up the work progress.
4. track adjustment is convenient, can be extracted free adjustment, easy to operate.
5. Screw machine pick point without shaking, low noise.
6. With information output and use of automata, repeated positioning accuracy ±0.02.
7. With the use of automata, the screws can be transferred from the guide rail outlet to the screw port one
   by one using the turntable, and used with the manipulator or automata.

Specifications:

Model	BK735PRO
Input power supply	AC100V-240V(50/60HZ)
Output power supply	DC15V 1A
dimension	265W×D164×H180
weight	4.8Kg
Screw capacity	500cc
Applicable screw	M1.0-M5.0

BK-G 01 / BK-2096
Push-pull automatic screw locking machine

Product features

1. Control system independently developed and designed;
2. Simple operation, accurate results, user-friendly operation feel;
3. Super practicality and versatility;
4. Continuous feeding, anti-skid function, constant torque;
5. Screw sliding teeth automatic detection function

Product function

1. Do not jam the screws;
2. Improve efficiency;
3. save costs;
4. Durable.

Product parameter

The serial number	project	Parameters/Specifications
1	plug in power	220V AC±10%, 50/60Hz
2	fuse	5A/250V AC
3	Output Power	100W
4	lock screw	Hand-held single operator
5	feeding system	Single feed system
6	Lock screw efficiency	0.8~1.5s A screw
7	Push-pull stroke	30-75mm (Adapted according to customer needs)
8	Screw introduction method	Blowing type
9	Applicable screw range	M1-M6 (Adapted according to customer needs)
10	Dimensions	230*420*290MM
11	weight	≈15Kg

BK715
Automatic screw feeder

1. When taking out the screw, for the position of the screw head, just put the batch head into the batch head guide and slide down along the guide; then pull the screw out toward the front;

2. Compared with the traditional screw plate, each screw can save 1.4 seconds, and the productivity can reach 6 times!

3. Easy to operate, even novices can learn how to operate immediately;

4. It is not necessary to align the screws, just put the screws into the feeding chamber in batches; ·Widely suitable for various types and lengths of screws;

5. The size is small and does not take up space;

6. Automatically guide, cooperate with electric batch or wind batch,

7. No jam screw phenomenon! It is an ideal product to replace the traditional screw machine.

No jam screw phenomenon:

The screws move into the bucket in the drum, and all the screws that have not entered the track are removed to the drum and enter the next cycle. The working speed can be adjusted freely, and the speed can be changed by adjusting the vibration intensity. When the screw reaches the picking position, it will not jitter back and forth and affect the work efficiency!

Fault alarm function:

Feeding and vibration drive are independently controlled, and the ideal delay stop time can be set freely. When an abnormal situation occurs, the screw machine will start the fault alarm function | The operation is quite simple!

Specification:

Automatic screw feeder	BK715
Suitable for screws	Various types of screws include screws with washers (L=20MM)
Output speed	2 grains/sec
Track adjustable range	1.0~5.0mm
Input voltage	DC12V
Weight	1.5kg (net weight)
With accessories	DC power supply (DC12V)
Physical dimension	180(L)*125(W)*150(H)mm

BK725A
Automatic screw feeder

1. Improve on the basis of ordinary screw machine, increase counting function, work stably! More cost-effective!

2. New digital panel operation, beautiful and generous!

3. The number can be set arbitrarily from 0-999, and the number is clear at a glance! Automatically alarm and stop when the amount is reached!

4. The counting function cycle can be automatically/manually switched!

5. Inherit the advantages of ordinary screw machines, stable performance, adjustable rails without screwing, and the operation is as simple as other screw machines!

6. The size of the screw is adjustable from 1 to 5mm.

No jam screw phenomenon:

The screws move into the bucket in the drum, and all the screws that have not entered the track are removed to the drum and enter the next cycle. The working speed can be adjusted freely, and the speed can be changed by adjusting the vibration intensity. When the screw reaches the picking position, it will not jitter back and forth and affect the work efficiency!

Fault alarm function:

Feeding and vibration drive are independently controlled, and the ideal delay stop time can be set freely. When an abnormal situation occurs, the screw machine will start the fault alarm function ┃ The operation is quite simple!

Specification:

Automatic screw feeder	BK725A
Suitable for screws	Various types of screws include screws with washers (L=20MM)
Output speed	2 grains/sec
Track adjustable range	1.0~5.0mm
Input voltage	DC12V
Weight	1.5kg (net weight)
With accessories	DC power supply (DC12V)
Physical dimension	180(L)*125(W)*150(H)mm

BK10/50/100
Digital Torque Tester

1. Automatic shutdown (automatically shutdown after 10 minutes (OFF);

2. When setting the tool torque, the peak value display will remain until reset to ensure accuracy;

3. The maximum, minimum and average torque can be calculated;

4. Clockwise and counterclockwise, both elastic and tight torque can be tested;

5. The torque value display automatically returns to zero;

6. Measured in the counter-clockwise direction, the data is displayed as a negative value;

Specification:

Soldering iron comprehensive tester		BK10	BK50	BK100
Peak range	N.m	0.015-1.0000	0.075-5.00	0.15-10.00
	Lbf.in	0.15-9.0	0.75-45.0	1.5-90.0
	Kgf.cm	0.15-10.00	0.75-50.0	1.5-100.0
Precision		Less than ±0.5%		
Model		Highest, Full Course and First Highest		
Volume (mm)		123× 230 x 65		
Weight (kg)		1.8		
Power supply		5 1.2v NiCd batteries, 1200mAh		
Charging time		6 hours		
Continuous use time		8 hours		
Transformer		Input AC110V or 220 V, output DC7.25V/120mA		

PC-linked software:

1. Real-time torque data collection

2. Draw the torque curve

3. Test data can be exported to EXCEL

4. Generate test report

BK-2096
Blowing hand screw machine

Product specification

Screw pocket volume: M2X6 5000PCS
Efficiency: 50-60PCS/MIN
Screw speed: 0.5 seconds /
Delivery method: blowing type
Delivery distance: 1-4 meters
Working power supply: AC220V 50HZ (optional AC110V 50HZ)
Power: 40W
Working pressure: 2-5KGF/Cm2
Noise: less than 65 decibels

Product features

1. Adopting turbine loading, small volume and noise, light weight, can be stored on the working platform, saving space.
2. The screws are automatically arranged and fed, and the special-shaped screws are automatically screened, and the empty materials are automatically replenished.
3. The feeding is controlled by the sensor, and the lock is paid one by one, and the feeding is automatic, and there is no repeated feeding phenomenon.
4. Sliding teeth are not fed: In the lock-up project, the torque is not reached, the screws are not sent out, and the jamming phenomenon of the batch mouth is prevented.
5. Good stability, no jamming, even if the card is bad, non-professionals can solve the card in a few seconds
6. High SfPciency, usually one screw for 1 second, no need to grab the screw, just align the screw hole to lock the screw.
7. It can reduce the screw lock operation of 1 to 2 workers, realize semi-automatic production, reduce the labor intensity of workers and increase productivity
8. The key parts are made of high-quality hardware materials and specially treated. The original electronic components are imported, ensuring zero equipment.

ENTERPRISE INTRODUCTION
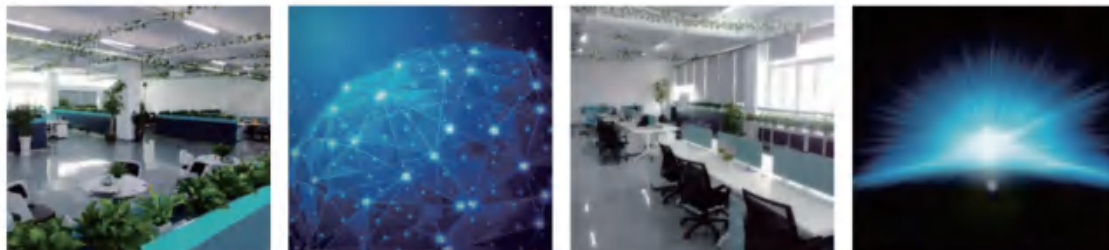
We now have an engineer team of over 20 professionals for research and product development, and hard working customer service department. UNESD SED control centre dedicated to providing superior quality products for testers , elimination, monitoring and other ESD control products; design and upgrading, installation of ESD products; ESD technical training and client services; Smart anti-static wrist straps.

We are now have a 50% increase in sales each year internationally. We believe "Customers are our priority, technology is the future". We will consistently bring our clients excellent service and superior products to meet our customers ever changing needs. "Integrity, intelligence and interacting" is our company slogan. As a company with culture of integrity, we will keep bring intelligent creation and interacting with our business partners. We are looking for distributors and business partners to succeed in the future.

●Hardware requirements:
CPU 4 or more, 4GB of Ram or more, 1TB Hard drives/ data storage or more, at least 22 inches display.
●Software requirements:
Ethereum on computers with windows 7 system or higher
Note: It might request bigger hard drives installation in case of increased numbers of monitoring devices.

IP Address

Network Port

ESD Dedicated Computer.

24V

Wireless Intelligent monitor

ESD

Equipment grounding

Rubber grounding

Human grounding

Foot Strap grounding

Ion Balance

DC Ionizer3

Hygro Thermometer
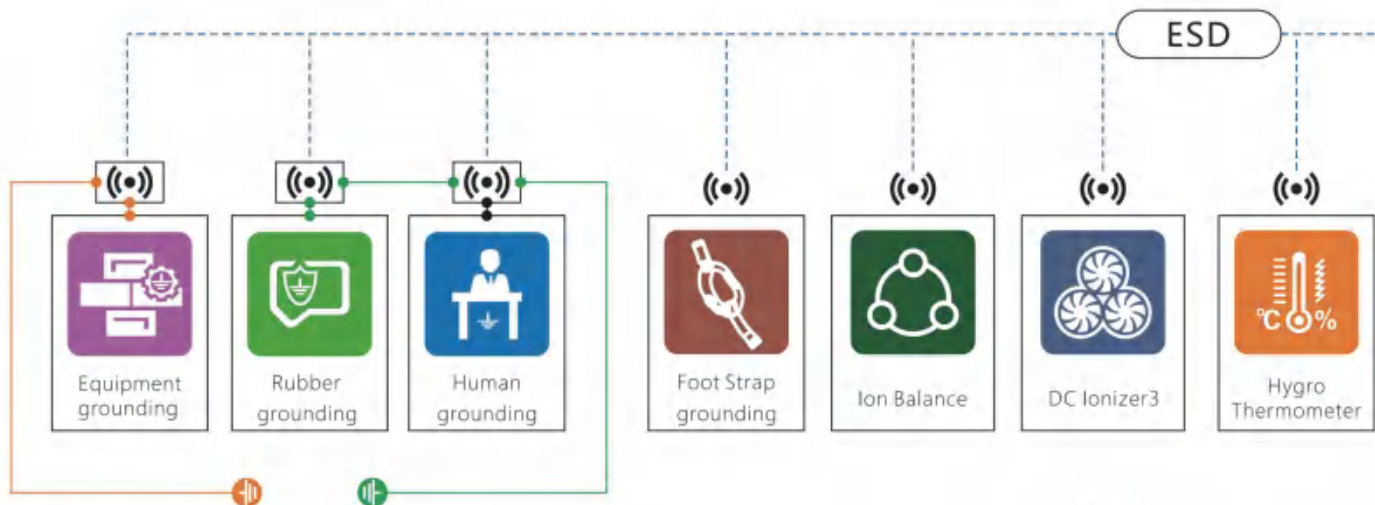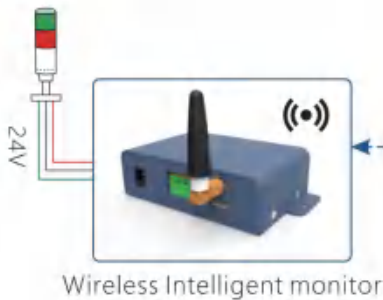
6 Advantages:
To Improve Quality Control

Hygro-Thermometer

Equipment grounding

Rub grou

1 Industrial Wireless IOT

4 Supporting N+ IOT

2 Overall solution for Static prevention and control

5 Big data intelligence Analysis

3 Data report

6 Graphic statistics report

Intelligent ESD IOT System

●Network Statement:
When accessing companies inner network,
to support the company's management system.
We suggest each company with a Þxed IP transceiver,
and all computer devices also with Þxed IP.

Terminal

cloud connection

Router

Stand-alone connect

IP Address

Network Port

Group network connect

RJ45 connect

Network Port

Switch(network center)

Wireless transceiver

Barrier Free Distance 30M

Monitor

Auto Lock

Auto Soldering

| Space ionization | Ionizer air bar | leakage Voltage | ESD detection | DC Ionizer2 | Intelligent Wireless Screwdriver | Intelligent Wireless Soldering |

Intelligent Wireless Screwdriver

Intelligent Wireless Soldering

Rubber grounding

Human grounding

DC Ionizer

Ion Balance

leakage Voltage

UNESD

U102-A
Intelligent Surface Voltage Meter

Intelligent surface voltage meter is designed to measure and read static electricity without contact. Model U102-A can measure ±18 KV range and set distance with matching voltage.
Model 102 used to monitor static electricity of products in real time. Like to monitor in liquid crystal module, glass display panel, PCBA manufacturing, semiconductor or photoelectric ESDS static sensor elements. Reflecting anti-static capability during manufacturing and collecting static data through ESD intelligent management system.

Product features

- Supporting dual channel static sensor devices. Sensor can be installed inside a host, testing static charge in particular environment.
- Wireless 2.4G data delivery, data collecting and saving, analyzing
- Adjust static voltage, once it's over the standard setting, warning lights on and alarm will be heard.
- Manual adjusting communication address via each channel.
- Can adjust any testing distance by switching the power.
- With a distance of 10-500mm static electricity coverage and accurate testing result.
- Can be operated in multiple languages.

In Use   Sensor

Specifications

Model	U102-A
Power	Input : DC12V/2A
Standby time	5s
Working temp and humidity	Temperature : -5-45℃ ; Humidity : 30-65%RH
Testing range	±18000V
Alarm coverage	10-5000V
Testing distance	10-500mm
Testing accuracy	±5%
Noise	<10dB
Volume	95 (L) x58(W)x42(H)mm
Weight	≈250g

U103-S
Wireless intelligent multi-function grounding monitoring

With the increasing integration of electronic products, effective ESD static protection has become a common goal in the production of high-quality products. We specially designed a three-in-one grounding online monitoring, which has comprehensive monitoring capabilities for monitoring the grounding of human body electrostatic grounding, equipment/instrument metal parts grounding, table mats/anti-static fixtures and other groundings. According to different monitoring requirements, the leakage voltage or grounding resistance monitoring of the equipment can be selected, and there are alarms such as traffic light status indication and buzzer to remind the user that the wrist strap is disconnected or the grounding is not good.

Features

• It can monitor 1 channel equipment (grounding and leakage voltage), 1 channel wrist strap, 1 channel pad grounding resistance or any combination at the same time;
• It can collect grounding monitoring status and numerical value, and transmit it to PC through 2.4G wireless for data storage, analysis and report output;
• Adopt electronic monitoring principle to ensure reliable grounding of monitored objects (in line with ANSI-ESD-S20.20-2014 ESD standard);
• Small and lightweight, flexible installation and expansion;
• Rewiring without personnel relocation;
• With light alarm prompt function.

human body   table mat

Anti-rotation and   Anti-rotation and anti
anti-fall off wrist strap -fall off wrist strap

equipment   iron

Three-color status indication
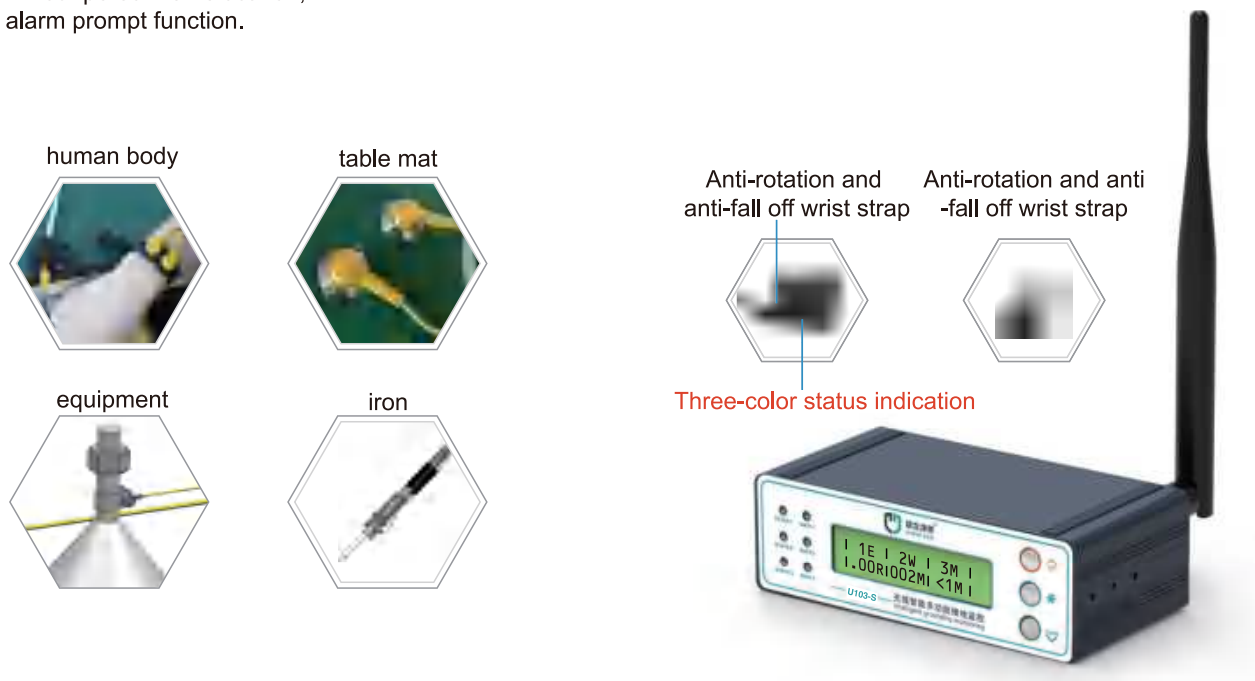
Specifications:

model	U103-S
power supply	DC 9V-1A
Wrist strap (W) monitoring resistance	750 k ~ 45 M Ω
Equipment (E) monitoring resistance	1-50 Ω
Pad (M) monitoring resistance value	10-100 M Ω
Leakage voltage (AC) monitoring range	0-1000MV (alarm value set above 20mV)
Operating environment	Anti-static workshop,-5 to 45°C
Maximum power consumption	3W
light status	Normal - green; Abnormal - red; Standby - Orange;
volume	129L*65W*40Hmm
weight	0.39 KG

U101
Intelligent Hygro-Thermometers

Model U101 is a 2.4 G wireless data transfer hygro thermometer. It features highly accurate and stable, low power consumption, large volume data storage, built in alarm. It combines technologies in multiple areas such as, computing, sensor and communication. Widely applied to aquatic, food industries and pharmaceutical areas, storage, blood storage, agricultural research, manufacturing, environmental control, infection and epidemic prevention, laboratory, construction, museum and greenhouse, etc.
Model U101 transfers data with 2.4 GHZ wireless connection within 30Meters. Imported digital sensor. Highly accurate measurement. It is a better choice for a replacement of traditional thermometers.

Components

Hygro thermometer (portable equipment, sensor, wireless module) + wireless radio station + Software + computer(customer self-supplied) .

Recording

•A: Computer record: connect with computer, interval recording
 setting, real time monitoring on computer.
•B: Thermometer equipment record alone: Without connecting
 to computer, it will record up to 12 times (1, 3…..11pm)
 automatic record data in set environment.
•C: Support USB/TF, and data store live.

USB external storage   Power Adaptor

Specifications

Model	U101
Power	Input : 5V/1A
Operating temp.	-10~50℃
Operating humidity	10-99%RH(No condensation)
Accuracy	Temperature:±0.3℃ ; Humidity:±5%RH
Max power	0.5W
Alarm light status	Normal: Green ; Anomalous: Red ;
Dimension	115(L)×80(W)×30(H)mm
Weight	≈0.26kg

U100-B
Intelligent Alarm

Model U100-B applied to alarm systems for monitoring equipment under ESD IOT monitoring control. Supporting alarming in single or multiple monitoring areas. Targeting abnormal operation or malfunction equipment via red indicator alarm.

Features

- Remote control.
- Sound and visual alarm and can connect to additional alarms.
- Wireless operation. Less than 100MW radiated power for max communication distance. Max operating distance is 30 meters.
- Compact design, light weight, easy to install.
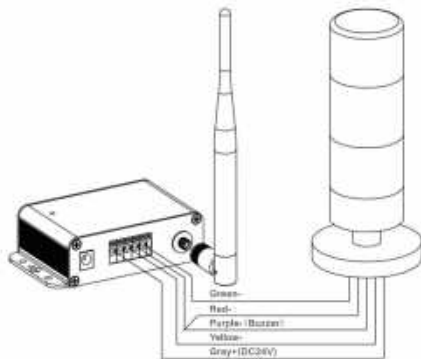
Power Adapter

Specifications

Model	U100-B
Power	Input : DC24V 1A
Operating environment	Anti-Static Environment , -5~45℃
Max consumption power	2W
Indicator status	Normal: Green ; Anomalous: Red ; Standby: Orange
Dimension	90(L)×60.5(W)×30(H)mm
Weight	≈0.13kg

U201
Intelligent DC Ionizing Air Blower

- Save Energy. Full load power consumption is 20W which is like a small energy saving lamp.
- Built in self-cleaner which automatically cleans the equipment itself every week and allows better performance for static discharge, especially the first three months.
- LCD screen, manual setting for ion balance alarm and auto clean time.
- Stable ion balance which is within 0±5V. More accurate after calibration.
- Fast static elimination: 1KV static voltage can be eliminated in 1 second, within 30cm distance.

Features

- Double insulation layers in the front to test any unbalanced voltage and to protect from any other signal interference.
- DC front placed, positive and negative ions will be mixed and better processed through and to eliminate electrostatic discharge.
- Button Clip design: Easy to pull off the body cover and clean emitter point and fan blades. When body cover is pulled out, turning off the built in circuit board power. It is safe for operators from electric shocking.
- Easy to replace ion emitting point.
- 2.4 G wireless connection, data collect, store, and analysis.
- Indicator alarm and sound alarm.

**Button Clip Design
Auto shut off protection
Auto clean.**

Automatic clean device   Ion emitter point   Bearing DC Fan   Air Filter

Specifications

Model	U201
Input voltage	AC230V/50HZ
Power	20W
Operating temperature	-5~45℃
Working humidity	<75%RH
Air volume	Max0~95CFM(Adjustable)
Ion balance	0±5V
Static elimination time	≤1.2s
Coverage	40x90cm²
External Dimension	150(L)X80(W)X230(H)mm
Weight	≈1.8kg

ESD test results

Operation voltage : AC230V , Testing voltage : 1KV-100V , Operating Temperature : 25℃

Testing distance(CM)	30	60	90
Discharge(S)	1	2.5	5
Balance(V)	0±5	0±4	0±3
Air speed(Class 1, Class5)	5	5	5

Note: Testing result may defer in different environment humidity and cleanness.

U202
Intelligent DC Ionizing Air Blower

- Double fan design, apply to large area Static Elimination.
- Built in self-cleaner which automatically cleans the equipment itself every week and allows better performance for static discharge, especially the first three months.
- LCD screen, manual setting for ion balance alarm and auto clean time.
- Stable ion balance which is within 0+-5V. More accurate after calibration.
- Fast static elimination: 1KV static voltage can be eliminated in 1 second, within 30cm distance.

**Button Clip Design
Auto shut off protection
Auto clean.**

Automatic clean device   Ion emitter point   Bearing DC Fan   Air Filter

Specifications

Model	U202
Input voltage	AC230V/50HZ
Power	45W
Operating temperature	-5~45℃
Working humidity	<75%RH
Air volume	Max0~95CFM(Adjustable)
Ion balance	0±5V
Static elimination time	≤1s
Coverage	70x90cm²
External Dimension	600(L)X170(W)X75(H)mm
Weight	≈4.5kg
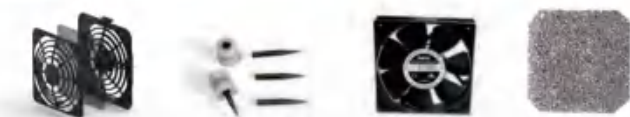
ESD test results

Operation voltage : AC230V , Testing voltage : 1KV-100V , Operating Temperature : 25℃

Testing distance(CM)	30	60	90
Discharge(S)	0.9	2.5	5
Balance(V)	0±5	0±4	0±3
Air speed(Class 1, Class5)	5	5	5

Note: Testing result may defer in different environment humidity and cleanness.

U203
Intelligent DC Ionizing Air Blower

- Three fans design, apply to large area Static Elimination.
- Built in self-cleaner which automatically cleans the equipment itself every week and allows better performance for static discharge, especially the first three months.
- LCD screen, manual setting for ion balance alarm and auto clean time.
- Stable ion balance which is within 0+-5V.   More accurate after calibration.
- Fast static elimination: 1KV static voltage can be eliminated in 1 second, within 30cm distance.

**Button Clip Design
Auto shut off protection
Auto clean.**

Automatic   Ion emitter   Bearing DC Air Filter
clean device   point   Fan
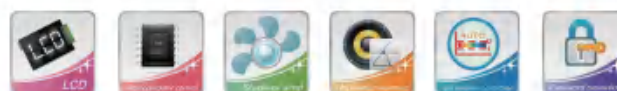
Specifications

Model	U203
Input voltage	AC230V/50HZ
Power	70W
Operating temperature	-5~45℃
Working humidity	<75%RH
Air volume	Max0~95CFM(Adjustable)
Ion balance	0±5V
Static elimination time	≤1s
Coverage	110x90cm²
External Dimension	950(L)X170(W)X75(H)mm
Weight	≈6.4kg

ESD test results

Operation voltage : AC230V , Testing voltage : 1KV-100V ,
Operating Temperature : 25℃

Testing distance(CM)	30	60	90
Discharge(S)	0.9	2.5	5
Balance(V)	0±5	0±4	0±3
Air speed(Class 1, Class5)	5	5	5

Note: Testing result may defer in different environment humidity and cleanness.

U301
Intelligent Anti-Dust High Efficiency Ion Blower(overhead)

Model U301 is a new model of high effective anti-dust ion blower that we developed for frontier market. Once turned on, it will go to self-test mode, on static elimination, ion blower equipment, ion balance status, humidity and temp. When model can't meet standards of above, abnormal codes will be sent to operator. Model U 301 widely used in household appliance, photoelectric and semiconductor industries. Anti-dust theory compatible with non-high frequency radiation static power. It will function same even over a year installed and operated in production workshop.

Features

- Low power consumption with high work volume.
- Stable ion balance.
- Self-test. Fast static elimination in long distance.
- Easy to adapt to any environment.

- Wireless connection. Ion blower parameter adjustment and malfunction self-test via computer monitoring.
- Module design, easy to maintain.
- E style heating device with warm air delivery.

NEW
BREAKTHROUGHS

Intelligence IOT | Large display | Auto clean | Warm air delivery | Anti-dust function | Easy to maintain

Anti dust king
Static elimination is more efficient

Detachable ion launching device

Somatosensory heating device

Bearing DC Fan   Air Filter

Specifications

Model	U301
Input voltage	AC230V/50HZ
Power	20W/ (E Hot Air 220W)
Operating temperature	Temp.:-5~45℃
Working humidity	Humidity: Below 85%
Air volume	Max95CFM(Adjustable)
Ion balance	0±15V
Static elimination time	≤1s(30cm)
Coverage	40(H)x90(W)cm
External Dimension	151(L)X90(W)X233(H)
Weight	≈2.6kg

ESD test results

Operation voltage : AC230V , Testing voltage : 1KV-100V ,
Operating Temperature : 25℃

Testing distance(CM)	30	60	90	120
Discharge(S)	0.9	2.5	4	6
Balance(V)	0±15	0±15	0±10	0±10
Air speed(Class 1, Class5)	5	5	5	5

Note: Testing result may defer in different environment humidity and cleanness.

U302
Intelligent Anti-Dust High Efficiency Ion Blower(overhead)

- Attachable case cover, easy to replace and maintain.
- Button Clip design: Easy to pull off the body cover and clean emitter point and fan blades. Double insulation layers in the front to test voltage.
- Easy to replace ion emitting point.
- Emitting point placed in front of speed fan, effective static elimination.
- Automatic clean device and manually setting up cleaning time, easy to maintain.
- Easy to replace lights.

Features

- Low power consumption and high working volume.
- Stable Ion balance.
- Self-test. Fast static elimination in long distance.
- Can work in unclean large areas.
- Wireless IOT. Ion blower parameter adjustment and malfunction self-test via computer monitoring.
- Avoid ion blower's electromagnetic radiation and disturbance.

NEW
BREAKTHROUGHS

Intelligence IOT | Large display | Auto clean | Warm air delivery | Anti-dust function | Easy to maintain

Anti dust king
Static elimination is more efficient

Specifications

Model	U302
Input voltage	AC220V/50HZ
Power	55W (E Hot Air 450W)
Operating temperature	Temp:-5~45℃
Working humidity	Humidity: Below 85%
Air volume	Max145CFM (Adjustable)
Ion balance	0±15V
Static elimination time	≤1s(30cm)
Coverage	150(H)x80(W)cm
External Dimension	600(L)X165(W)X94(H)mm
Weight	≈6.1kg

Detachable ion launching device

Somatosensory heating device

U1801
Anti- Electricity Shock Ionizer bar

DC high voltage power. Alloy Electrode, with positive and negative DC voltage alternately working on emitter points, delivering electricity. Ionizing air molecular and producing positive and negative ion, to deliver them to surface of static objects. Neutralize negative and positive electric charges, to eliminate surface static on objects.

Features

• Bar type, overhead design.
• Adjustable output and output speed of positive, negative ion. Adjustable ion balance.
• Sound and light alarm when abnormal high voltage.
• Remote control of ion output.
• ESD intelligent IOT monitoring network.
• Input voltage.
• Output voltage.
• Output frequency.
• Air occupy.

Specifications

Model	U1801
Power	DC 24V
Working distance	DC±7KV
Output frequency	0.1Hz;0.5Hz;1Hz;5Hz;20Hz;50Hz(Default);100Hz;
Duty cycle	0%-99%
Power	10W
Working distance	100-1000mm
Ion balance	≤±30V(10cm,No Air)
Electricity discharge	≤2S
Air pressure	≤0.6MPa
Throttle valve air supply connector	Φ8-G1/8 Black
Operation temp	0℃-50℃
Operation humidity	<70%RH
Bar length	385-410(Distance25mm);460-2960(Distance50mm)

NEW ——
BREAKTHROUGHS

Easy to maintain
Anti-dust function
Warm air delivery
Auto clean
Large display
Intelligence IOT

Anti [dust king]
Static elimination is more efficient

Specifications

Model	U303
Input voltage	AC 230V/50HZ
Power	75W (E Hot Air 650W)
Operating temperature	Temp:-5~45℃
Working humidity	Humidity: Below 85%
Air volume	Max145CFM (Adjustable)
Ion balance	0±15V
Static elimination time	≤1s(30cm)
Coverage	150(L)x120(W)cm
External Dimension	940(L)X165(W)X94(H)mm
Weight	≈7.8kg

Detachable ion launching device

Somatosensory heating device
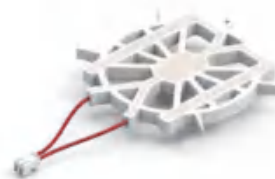
Bearing DC Fan   Air Filter

ESD test results

Operation voltage : AC230V , Testing voltage : 1KV-100V , Operating Temperature : 25℃

Testing distance(CM)	30	60	90	120	150
Discharge(S)	1	2	3	4	5
Balance(V)	0±15	0±15	0±10	0±8	0±6
Air speed(Class 1, Class5)	4	4	4	5	5

Note: Testing result may defer in different environment humidity and cleanness.

U501/BK501
Miniature intelligent ion fan

This ion blower is a miniature intelligent ion blower newly developed by our company. It is a static elimination device in the field of automation. It is small in size, has a strong ability to remove static electricity, and has a data acquisition function. The electrostatic field is the main equipment product of Industry 4.0. Such as: placement machine, reflow soldering, automatic coating machine, automatic screw locking machine, semiconductor, wafer equipment, etc.

Features

• Wireless networking, external antenna, data collection;
• The I/O port can interact with PLC online, and can feedback status, abnormal voltage, alarm signal, and control the power on and off;
• The plug-in design of the high-voltage launcher, the buckle design of the protective cover and the detection network is convenient for maintenance;
• Independent rotating mounting bracket, can be installed 90 degrees, 180 degrees, easy installation;
• The separate design of the IoT server can control two devices, with long transmission distance and strong penetration ability;

| Ion needle cover | Ion emission needle | DC fan | Filter sponge |

Specifications:

Model	U501
Input voltage	DC24V
Power	20W
Operating temperature	-5°C~45°C
Working humidity	＜75%RH
Air volume	95CFM maximum (adjustable)
Ion balance	±10V
Static elimination time	≤1.5s（30CM）
Effective coverage area	35*90CM^2
External dimensions	176.5L*120W*76H
Weight	≈0.8kg

ESD test results:

Operating voltage	DC 24V		
Voltage	1KV-100V		
Ambient temperature	25°C		
Test distance (CM)	30	60	90
Static elimination time (S)	1.5	3	6
Ion balance (V)	0±8	0±8	0±8
Wind speed (1-5level)	5	5	5

※The test results will vary due to the humidity and cleanliness of the test environment. Static elimination time (without dust filter).

ESD IOT XC2/BK XC2
Intelligent ion fan

This ion blower is a new type of intelligent team-type ion blower with relatively cutting-edge functions on the market. It adopts large-scale coverage area static elimination technology and is suitable for different static elimination fields, such as: electronic assembly, semiconductor packaging, LCD panels, medical equipment, etc. production applications.

Features

- LCD screen display, the interface is clear, concise and intuitive.
- Symmetrical large-area ion wind zone, light and small.
- The blowing angle can be adjusted up and down, and the air volume can be adjusted.
- Simple to use built-in electrostatic needle cleaning brush.
- Easy to install, can be easily installed on any work surface.
- LED alarm display, external abnormal warning light can be installed.
- Built-in self-balance calibration circuit, high ion balance, with ion balance failure warning function, stable performance.
- Compatible with both wireless and RS485, and connected to the IoT data management system, it can remotely monitor the operation of the fan.

Specifications:

Model	ESD IOT XC2
Input voltage	AC 100-240V,50/60Hz
Power	25W
Air volume	Maximum 105CFM (adjustable)
Ion balance	0±15V
Static elimination time	≤1s (1000-100V ,30cmWorking distance maximum wind speed)
Effective coverage area	100*150cm^2
Working humidity	＜75%RH
Operating temperature	-5°C~45°C
Dimension	366L*158.5W*183.5H
Net weight/gross weightTT	≈2.7kg/3.2kg

ESD test results:

Operating voltage	AC 230V				
Testing voltage	1KV-100V				
Ambient temperature	25°C				
Test distance (CM)	30	60	90	120	150
Static elimination time (S)	1	2	3	5	6
Ion balance (V)	0±10	0±10	0±8	0±8	0±6
Wind speed (1-5 Level)	3	3	3	3	3

U002
wireless transceiver

U002 is a gateway connecting the Internet and ZigBee network, which can convert Ethernet data to ZigBee network, which can be widely used in smart home, asset management, building environment monitoring and other fields. Shenzhen United Realm Technology Co., Ltd. provides U002 users with the standard version of the WLT transmission protocol, as well as the MESH peer-to-peer wireless routing protocol Cellsnet, which has no networking delay, adopts the principle of time-space weight balance, short routing time, and stable and reliable communication.

Features

• This product is our company launched the Ethernet to the transformation of ZigBee gateway, which can realize the wireless ZigBee to local area network and Internet access, the product configuration is simple, powerful network, support to obtain IP address automatically, supports TCP, UDP network transmission way, through software to search for this period or across the network segment, the network to support the PPP protocol OE and UDP domain name access. Internal network components are bridged to ZigBee through internal serial ports, and ZigBee wireless terminals can communicate with all ZigBee nodes of our company without barriers.

Specifications:

model	U002
Wireless transmission rate	250Kbps, 500Kbps and 1Mbps optional;
Wireless transmission power	22dBm;
Actual data throughput	10KB/S
Interface	RJ45,10/100M adaptive;
Protection	built-in 2kV surge protection;
Supported protocols	ETHERNET, ARP, IP, ICMP, UDP.TCP, HTTP, DHCP, DNS
Power supply	+6-24V DC
Power consumption	0.54 W @ 9 v

Work pad series

Disassemble or weld the antistatic work mat

1. Made of antistatic ceramic material, specially designed for welding and welding dismantling work: antistatic performance can withstand a variety of solvents and 480°C high temperature.
2. Resistance characteristics: STM STM 4.2/IEC61340-2-3 standard 12%RH,23°C surface resistance 1.0x10e5~ 1.0x10e7
3. Dissipation characteristics: ESD STM 4.2 standard 12%RH,23 environment, static voltage ＜1V

Permanent antistatic radio pad

1. Double layer composite structure, the surface layer is clean electrostatic dissipative material (no precipitates) for operation, the bottom layer is conductive material for strengthening the structure (no carbon pollution) for grounding. Suitable for all kinds of sensitive device operating environment
2. Resistance value characteristics: STM STM 4.2/IEC61340-2-3 standard 12%RH,23°C environment under the layer surface resistance 1.0x10e5 ~ 1.0x10e7; Bottom surface resistance < 1.0x10E5
3. Dissipation characteristics: ESD STM 4.2 standard 12%RH,23 environment, static voltage < 1V

Product anti scratch anti static work mat

1. Specifications can be customized, super clean permanent anti-static material made, sieve structure, soft fit specially designed for display industry, can effectively avoid scratches in product operation
2. Resistance characteristics: STM STM 4.2/IEC61340-2-3 standard 12%RH, 23°C surface resistance 1.0x10e6 ~ 1.0x10e9
3. Dissipation characteristics: ESD STM 4.2 standard 12%RH, 23 environment, static voltage ＜1V

CRE permanent anti-static transparent work mat

Heat resistance: working temperature <180°C

Hardness: Shore A70°

Color: transparent

Light transmittance developed by professional semiconductor and liquid crystal display industries: >80%
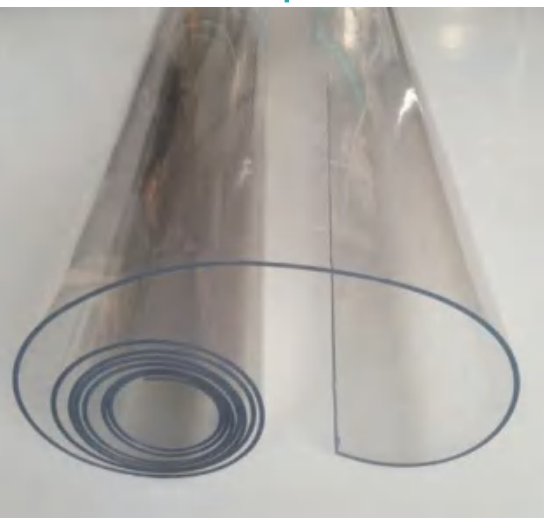
BRE Permanent ESD work mat

super smooth

1. Made of permanent anti-static material, soft fit specially designed for display industry, can effectively avoid scratches in product operation
2. Resistance characteristics: STM STM 4.2 /IEC61340-2-3 standard 12%RH, 23°C surface resistance 1.0x10e4 ~ 1.0x10e6
3. Dissipation characteristics: ESD STM 4.2 standard 12%RH, 23 environment, static voltage ＜1V

1. Ultra-clean, transparent, wear-resistant permanent electrostatic dissipative material, specially developed for semiconductor, liquid crystal display industry transmittance: & GT; 80%
2. Resistance value characteristics: STM STM 4.2/IEC 61340-2-3 standard 12%RH, 23°C surface resistance & LT; 1.0 X10e9
3. Dissipation characteristics: ESD STM 4.2 standard 12%RH,23 environment, static voltage < 1V

Anti-static packaging series

Mainly suitable for precision electronic components, electronic circuit PCB board finished or semi-finished products, such as hard disk, optical drive, motherboard, chip, module, etc.
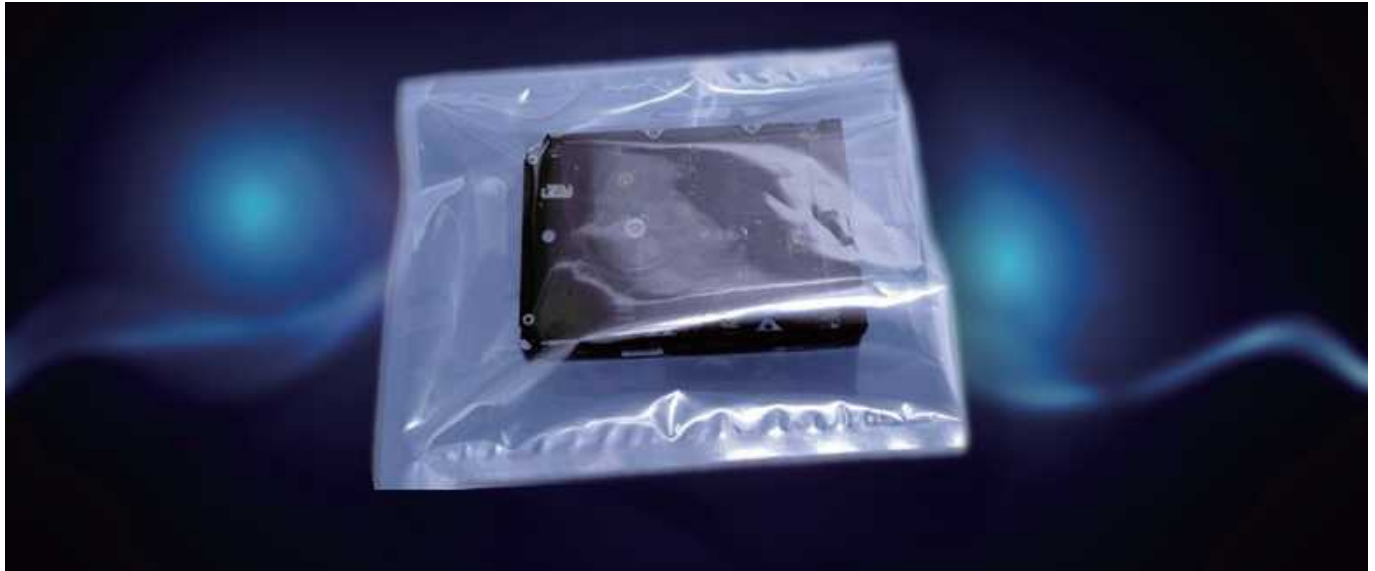
Antistatic shielding ziplock bag eight

Anti-static shielding organ bags

External guide and internal defense
(internal guide and external defense) conductive bag

Internal and external conducting bag

Vacuumized moisture-proof packing series

Heat insulating material

Shockproof laminated packaging series

BK001
ionizing Air blower

- This product complies with international standards ANSI/ESDS20.20-2021 and IEC61340 anti-static system standards.
- Low power consumption, fast static neutralization, and can quickly eliminate electrostatic voltage on the surface of objects.
- It has a convenient cleaning device for the ion needle, which makes the maintenance of the ion needle simple and efficient.
- The metal shielding net of the air outlet can effectively balance the ion paranoid voltage and the output is stable and reliable.
- The ion wind output covers a wide area, the static elimination range is wide, and the air volume is soft and comfortable.
- Using CCC standard power cord, the product has high grounding reliability.

Specifications:

model	BK001
Use voltage	AC230V/50HZ
current consumption	25W
Maximum air volume	85(CFM)
effective coverage area	40*90cm2
Ion balance	±15V (test distance from CFM30CM)
Static elimination time	2s (maximum air volume distance CFM30CM test)
Ozone production	0.03ppm or less (15cm from the center of the air outlet)
working environment	-5-45°C (relative humidity: 85%)
filter device	Options
External dimensions	140(L)*87(W)*215(H) mm
Net weight/gross weight	≈1.9kg/≈2.1kg

BK5800-2 / 5800-3
ionizing Air blower

- Neutralize static electricity rapidly
- The ion airflow covers a large area
- Wide range of wind regulation
- The fan has good grounding protection
- With lighting function

Double air outlet

Three air outlets

Specifications:

model	BK5800-2	BK5800-3
Use voltage	AC 230V/50HZ	AC 230V/50HZ
current consumption	≤0.9Amp	≤1.25Amp
Air volume	90-220CFM	120-330CFM
Effective range	40cm*90cm	60*120cm
Ion balance	Within ±15V (30cm from the panel)	Within ±15V (30cm from the panel)
Static elimination time	≤2s	≤2s
Ozone production	0.03ppm or less (15cm from the center of the air outlet)	0.03ppm or less (15cm from the center of the air outlet)
operating temperature	0-50°C	0-50°C
filter device	Options	Options
External dimensions	600(L)*170(W)*95(H)mm	950(L)*170(W)*95(H)mm
weight	≈5.5kg	≈7.5kg

BK5600S
ionizing Air blower

• This product complies with international standards ANSI/ESDS20.20-2021 and IEC61340 anti-static system standards.
• Low power consumption, fast static neutralization, and can quickly eliminate electrostatic voltage on the surface of objects.
• It has a convenient cleaning device for the ion needle, which makes the maintenance of the ion needle simple and efficient.
• The metal shielding net of the air outlet can effectively balance the ion paranoid voltage and the output is stable and reliable.
• The ion wind output covers a wide area, the static elimination range is wide, and the air volume is soft and comfortable.
• Using CCC standard power cord, the product has high grounding reliability.

Specifications:

model	BK5600S
Use voltage	AC230V/50HZ
current consumption	0.13Amp
Maximum air volume	85(CFM)
effective coverage area	40*90cm2
Ion balance	±15V (test distance from CFM30CM)
Static elimination time	1.5s (maximum air volume distance CFM30CM test)
Ozone production	0.03ppm or less (15cm from the center of the air outlet)
working environment	0-50°C (relative humidity: 65%)
filter device	Options
External dimensions	140(L)*84(W)*220(H) mm
Net weight/gross weight	≈2.9kg/≈3.15kg

BK5600Pro
ionizing Air blower

- This product complies with the international standard ANSI/ESDS20.20-2021 and IEC61340 anti-static system standard.
- Low power consumption, fast electrostatic neutralization speed, can quickly eliminate the surface electrostatic voltage.
- Automatic motor timing cleaning device, by setting automatic cleaning time, adjustment, cleaning cycle, convenient maintenance, effectively reduce the dust on the ion needle, making ion needle maintenance simple and efficient.
- The metal shielding net of the outlet can effectively balance the ion paranoid voltage and the output is stable and reliable.
- The output of ion wind covers a wide area, the electrostatic elimination range is wide, and the air volume is soft and comfortable.
- CCC standard power cable, high grounding reliability.

Specifications:

model	BK5600Pro
Use voltage	AC230V/50HZ
current consumption	0.13Amp
Maximum air volume	95(CFM)
effective coverage area	40*90cm2
Ion balance	±15V (test distance from CFM30CM)
Static elimination time	1.5s (maximum air volume distance CFM30CM test)
Ozone production	0.03ppm or less (15cm from the center of the air outlet)
working environment	0-50°C (relative humidity: 65%)
filter device	Options
External dimensions	150(L)*78(W)*232(H) mm
Net weight/gross weight	≈2.9kg/≈3.15kg

BK5600
Ionizing Air Blower

- Compact, Lightweight, Portable, adjustable speed, direction of air can be changed.
- Fast Static Neutralizing.
- Automatic ion balance.
- Large coverage of ionic air current.
- Long life leakage transformer and short circuit protection.
- Built in Ion emitter point cleaner.
- Low power consumption.

Specifications

Model	BK5600
Max Power	25W
Output Voltage	5.6KV AC
Ion balance	±10V
Air volume	≈2.4m³/min
Coverage	40cmx150cm
Ozone	≤0.03PPM
Noise	45dB
Operating Environment Temperature	0℃-40℃
External Dimension	290(L)x175(H)x220(W)mm
Weight	2.5Kg

ESD test results

Operation voltage : AC220V , Testing voltage : 1KV-100V , Operating Temperature : 25℃

Testing distance(CM)	30	60	90	120
ESD time cost(S)	0.8	1.2	3.5	6.3
Balance(V)	0±10	0±7	0±5	0±2

Note: Testing result may change due to the change of temperature and humidity of environment within 30cm testing distance.

Accessories

Male ion discharge needles	Bearing DC Fan	Filter Box	Safety Net

BK5700-W
Horizontal Ionizing Air Blower

BK5700 can be used to control electrostatic charges in electronics and medical devices manufacturing and assembly, and plastic film assembly and cutting, rolling and encapsulation. Mold removing, plastic processing, test and packing. Flat panel display.
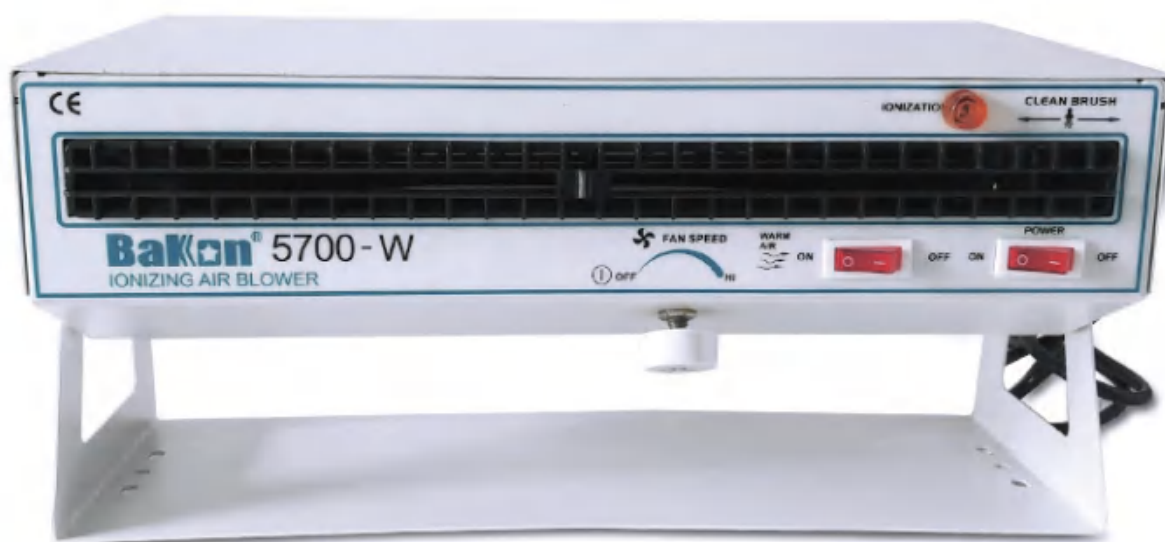
- Fast static discharge time
- Big coverage
- Wide air volume adjusting range
- Ion needle knob for cleaning
- Come with illuminated lamp
- Come with hot air blowing function

Specifications

Model	BK5700-W
Power	35W(Cold wind)/320W(Hot air)
Output Voltage	5.6KVAC
Ion balance	±10V
Air volume	≤3.3m³/min
Ozone	≤0.03ppm
Operating temperature	0-50℃
Effective range	90 X180cm
External Dimension	390(L)114(W)206(H)mm
Weight	≈7.9Kg

ESD test results

Operation voltage : AC220V , Testing voltage : 1KV-100V , Operating Temperature : 25℃

Testing distance(CM)	30	60	90	120
ESD time cost(S)	0.8	1.2	3.5	6.3
Balance(V)	0±10	0±7	0±5	0±2

Note: Testing result may change due to the change of temperature and humidity of environment within 30cm testing distance.

BK-5750
Ion air drum

The ion air drum is a high-efficiency and wide-range static eliminator designed to solve the static problem in the harsh industrial environment. The airflow covers a large area and can effectively reduce the production process (such as cutting, bending, plastic parts Condensation of troubling charges in transportation and packaging).

Features

• Quickly neutralize static electricity.
• Ionic airflow covers a large area and can be blown several meters away.
• Inside to fan and power supply.
• The wind is adjustable.

Specifications:

Power Requirements	200V/380V 3Phase
Input Current	2.3A OR 1.4A
Operating humidity	0°C-35°C
Airflow area	60CM*300CM
Built-in transformer	7.0KV
size	500L*240W*370H mm
weight	14KG
Air volume	334-410CFM
Time to eliminate static electricity (5000V-500V distance 30 cm)	≤2.0s
Ion balance	0±10V
Use humidity	30%-70%

BK-FS460
Inductive ion wind snake

BK-FS460 Ion Wind Snake can generate a large amount of airflow with positive and negative charges, which is blown out by the compressor at high speed, which can neutralize the charge on the object. When the charge on the surface of the object is negative, it will attract the airflow When the charge on the surface of the object is positive, it will attract the negative charge in the airflow, so that the static electricity on the surface of the object is neutralized to achieve the purpose of eliminating static electricity. The high-speed compressed airflow can The stubborn dust is blown away.

Features

• Automatic sensor switch (standard distance: 10-30cm);
• Combination of static and dust removal;
• The body is small and lightweight;
• Adjustable air valve can be added to adjust the air volume arbitrarily;
• Ion balance OV+15V;
• The snake tube can be deformed at will to point the nozzle to the target position, and the ion air flow can be directly blown to
    the target surface without manual operation;
• It can blow ions directly to the target surface through high-speed airflow;
• Ionic air volume can quickly eliminate static electricity and prevent re-adhesion to objects.

Specifications:

model	BK-FS460
Operating voltage	220V / 50Hz
Current consumption	≤200mA
Operating temperature	0°C~50°C
Compressed air pressure	0.5~0.7 / Mpa
Air velocity	10m / sec
Packing box size	247*190*295mm
Weight	3.1kg

BK401/402/403
DC Ion fan

This ion fan is the latest DC ion fan developed by our company that is currently the most cutting-edge in the international market. Several superior performances: low power consumption and high efficiency (the DC fan has a full load working power of 20W, which is only equivalent to the power of a small energy-saving lamp; the voltage balance performance is stable, when the test distance (30CM), the DC fan eliminates the static ion balance The temperature can reach within 0+5V (Grade A), which is the highest level of antistatic ability. This DC ion fan has a strong antistatic ability, which can eliminate 1KV static electricity to within 100V within 1 second.

Single outlet

Double outlet

Three outlets

Structural design features:

- The front cover of the product body adopts a double-layer detection isolation design, which can truly and stably detect unbalanced voltage and isolate external interference source signals;
- The internal design of the machine adopts the design layout of the front DC fan and the rear high voltage transmitter. This design allows high-voltage ionized positive and negative ions to be thoroughly mixed by the fan. better eliminate static electricity;
- The back cover of the fuselage adopts bulletproof buckle design. This design makes it easy to remove the protective cover and clean the high-pressure ignition needle and fan blade immediately;
- Built-in circuit switch design, cut off the working power immediately after removing the protective cover to protect maintenance personnel from high-voltage electric shock;
- The launch needle is designed as a plug-in type, which is easy to replace. The transmitter can be easily and conveniently replaced without changing the transmitter pin. At the same time, maintenance costs are also saved.
- Automatic cleaning device, convenient for ion needle maintenance.

Specifications:

model	BK401	BK402
Input voltage	AC230V/50HZ	AC230V/50HZ
Power	20W	45W
Single port air volume	Max95CFM(Adjustable)	Max95CFM(Adjustable)
Ion balance	0±5V	0±5V
Time to eliminate static electricity	≤1.2s	≤1s
Effective coverage area	90*40cm^2	90*70cm^2
Working humidity	＜75%RH	＜75%RH
Working temperature	-5°C~45°C	-5°C~45°C
Packing dimension	150L*75W*230H mm	600L*170W*75H mm
Weight	1.8kg	4.5kg

Specifications:

model	BK403
Input voltage	AC230V/50HZ
Power	70W
Single port air volume	Max95CFM(Adjustable)
Ion balance	0±5V
Time to eliminate static electricity	≤1s
Effective coverage area	90*110cm^2
Working humidity	＜75%RH
Working temperature	-5°C~45°C
Dimension	950L*170W*75H mm
Weight	6.4kg

Eliminate static test results:

Operating voltage:AC 230 V	Test voltage:1KV - 100V		Ambient temperature:25°C
Test distance(cm):	30	60	90
Time to eliminate static electricity (s):	0.9	2.5	5
Ion balance (v):	0±5	0±4	0±3
Wind speed (level 1-3):	5	5	5

※Note: The test results will vary due to the humidity and cleanliness of the test environment. Static elimination time (without dust filter).

Annex:

| Ion emission needle | Ball DC fan | High voltage module | Balance detection | Filter box | Dust-proof net |

BK-GS4000/BK5500
Ion air gun/Ion air nozzle

The ionizing air gun/air nozzle is an efficient static elimination device. Through the high-pressure airflow, a large number of positive and negative ions generated by the ion generating device are quickly blown to the area to be electrostatically removed, neutralizing the electrostatic charge accumulated on the object, and high-speed ions The airflow blows away the dust particles attracted by static electricity, and prevents them from attracting dust particles again; widely used in electronic assembly, microelectronics manufacturing biological products.pharmaceuticals, injection molding, printing and other industries.

Features

• The ion balance value can reach t10V, which can quickly eliminate static electricity on charged objects;
• Built-in silencer system, low noise;
• Stable ion balance, external adjustment, simple and convenient;
• High voltage adopts capacitive coupling method, which is safe and reliable.

Specifications:

model	BK-GS4000/BK5500
Input voltage	AC 230V 50Hz (110V)
Current consumption	≤350uA
The output voltage	4.0KVAC
Ion balance	Adjusted to within t10V when leaving the factory (<300mm)
Air volume	≤3.3m^3/min
Ozone production	0.03ppm or less (≤150mm)
Operating temperature	0°C~50°C
Outer diameter of trachea	6mm
Packing box size	250L*248W*50H
Weight	≈3. 8kg

ESD test results:

Operating air pressure: 0.5-0.7Mpa, test voltage: 5KV-500V, ambient

Voltage	5KV-500V			
ambient temperature	25°C			
Test distance (CM)	30	60	90	120
Static elimination time (S)	1	1.7	2.9	5.0
Ion balance (V)	0±10	0±9	0±7	0±5
Air volume	≤3.3m^3/min			

※Remarks: The test data is 30cm away from the front panel, and the test result will vary depending onThe ambient air temperature and humidity during the test will vary.

BK498
Electrostatic tester

Features

The BK498 electrostatic wrist strap tester can quickly and easily check the following items for the electrostatic wrist strap:
- The connection between the electrostatic wrist strap and the grounding wire;
- The contact impedance between the electrostatic wrist strap and the skin;
- Connection with grounding tools such as electrostatic connection plates, mats, etc.; to ensure the personal safety of staff;
- Eliminate the possibility of product damage due to static electricity.

Specifications:

model	BK498
Power supply	9V dry battery
Ground wire	2 m
Packing box size	1/2±1%
Size	115L*120W*47H mm
Weight	0.46kg

Test result:

Test impedance	LED indicator	Buzzer
R < 800KΩ	Red light (LOW/low)	No sound
800KΩ≤R≤9MΩ	Green light (GOOD/good)	Ring
R>9MΩ	Red light (HIGH/High)	No sound

BK698A
Human body comprehensive tester

BK698A two-foot human body comprehensive tester is designed to measure the comprehensive resistance of the human body (including the resistance of the human body, wrist straps and shoes) and is designed with an intuitive LED display. This instrument can detect and alarm when the comprehensive resistance of the human body is greater than 10° or less than 10. The two-foot human body comprehensive tester is equipped with 750KΩ-10MΩ circuit (for testing wrist straps) and 750KΩ-100MΩ circuit (for testing shoes) , This instrument is ideal for testing wrist straps and shoes.

Features

- This product can quickly test ESD equipment, and three independent devices (wrist strap, left shoe, right shoe) can complete ESD testing at one time;
- Three respectively three status displays:
  1. LO (below the set value);
  2. PASS (within the set value range);
  3. HI is higher than the set value) with alarm function.

Tester
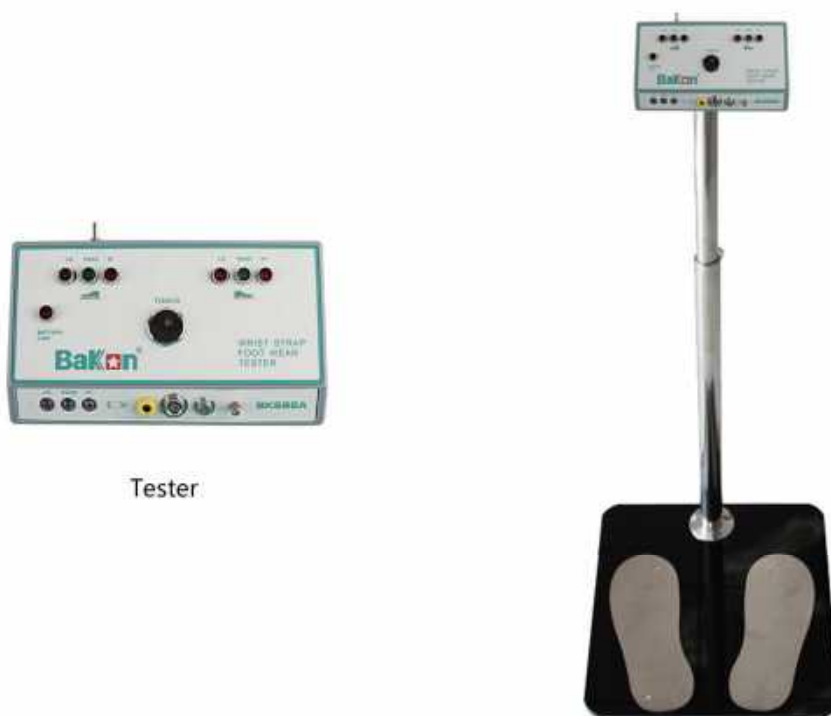
Specifications:

model	BK698A
Operating environment	0~31°C 0%-90%RH
Size	Instrument: 142.5x82x39mm Bracket: 400x250x800mm Pedal: 400x450mm
Net weight	5.5kg
Height adjustment range of tester	900~1470mm
Shoe test	75OKΩ-10OMΩ
Wrist strap test	75OKΩ-10OMΩ
Indicator light (shoes)	75OKΩ-10OMΩ Green(Pass)/≥110MΩ or ≤740KΩ Red(Fail HI/LO)
Indicator light (wrist strap)	75OKΩ-10OMΩ Green(Pass)/≥11.5MΩ or ≤740KΩ Red(Fail HI/LO)

BK699A
Heavy hammer type surface resistance tester

The BK699A digital weighted surface resistance tester measures the resistance of anti-static products to detect the anti-static ability of anti-static products. It follows the ASTM standard D-257 test method. When testing, only two heavy hammers are needed. The surface of the measured object and press the red button, the instrument will display the surface resistance value of the measured object

Features

• When the battery voltage is lower than 5 volts, the LWBATTERY indicator will flash;
• With digital display of temperature and humidity;
• A multi-functional measuring instrument for measuring ambient temperature, humidity, and surface resistance.

Exquisite aluminum alloy packaging box

Specifications:

model	BK699A
Operating Voltage	DC9V
Battery Life	40 hours (continuous work)
Display accuracy	1/2±1%
Size	100L*40W*170H mm
Measuring range	103Ω-1012Ω
Instrument weight	350g
Hammer weight	2.5±0.2kg/piece
Measure temperature	0°C-100°C
Measure humidity	0-100%RH

Desktop automatic soldering integrated equipment

Single Y Automatic Soldering Machine

Double Y Automatic Soldering Machine

MODEL		BK-200	BK-300	BK-500	BK-300/ BK-500YY
power supply		100-200V AC			
heating power		150W			
Heating temperature range		50C-500C (working mode selection)			
Number of motor control axes		3 / 4axis	3 / 4axis	3 / 4axis	3 / 5axis
Shaft range	X axis	200mm	300mm	500mm	300mm
	Y axis	200mm	300mm	500mm	300mm
	Z axis	100mm	100mm	100mm	100mm
	R axis	300			
Shaft speed	X axis	0.1-800mm/sec			
	Y axis	0.1-800mm/sec			
	Z axis	0.1-400mm/sec			
	R axis	0.1-800mm/sec			
Repeat position accuracy	X axis	0.1/±0.05mm			
	Y axis	0.1/±0.05mm			
	Z axis	0.1/±0.05mm			
	R axis	±0.02°C			
Resolution	X axis	0.01mm			
	Y axis	0.01mm			
	Z axis	0.01mm			
	R axis	±0.01°C			
load weight	workbench	8kg			8kg
	Machine	5kg			5kg
speed control		Automatic acceleration and deceleration processing with speed look-ahead			
Teaching file capacity		Up to 999 files, up to 8000 points in a single file			
Processing file capacity		Up to 255 files			
Applicable tin wire diameter		0.3/0.5/0.6/1.0/1.2 (mm)			
Use environment	temperature	0-40°C			
	humidity	20%-90%			
Dimensions		480*350*760mm	620*660*770mm	820*810*780mm	620*660*770mm
weight		≈70kg	≈60kg	≈85kg	≈70kg

Special size strokes can be customized

Parts list

1.Tin cutting machine

2.Temperature control equipment

3.handle

4.Fixture

5.Solder head

Parts list

1. With spot welding, drag welding, automatic cleaning, skipping
   and other functions;
2. With the functions of position correction, duplication, array, automatic
   positioning, etc., the machine operation is simple and fast;
3. Multi-parameter setting in the welding process to fully ensure the welding quality;
4. Adopt hand-held teaching box, friendly interface and simple operation;
5. Strong flexibility, the machine can be developed according to customer requirements;

Product usage

It is used for welding various electronic components, such as capacitors, resistors, pin headers, cables, shielding covers and other perforated hand parts.

Product parameters

Machine size	L763*W610*H780 mm
Large working platform	460mm*610mm*108.5mm
Drive mode	Dual axis precision stepper drive
Action speed	1-800mm/sec
Total Weight	52kg
Power source	Stepper motor, loitering motor (optional)
Repeatability	±0.1/±0.05mm
Workbench load	8kg
Machine load	2kg
Control System	Three-axis control system
Processing file capacity	Up to 255 files
File storage space	Up to 999 files, up to 6000 points in a single file
Supporting Documentation	CAD/CorelDRAW
Power supply	100-200V AC

Case Show

Desktop automatic lock screw integrated equipment

BK double Y suction type automatic screwing machine

BK single Y electromagnetic automatic screwing machine

BK single Y blowing suction type automatic screwing machine

Parts list

1. screw feeder
2. Air blow screw machine
3. Electric batch
4. collet
5. lock payment module

MODEL		BK-200	BK-300	BK-500/ BK-400YY
Test items		Screw slip detection	Have	
		Screw leakage detection	Have	
		Treatment of poorly locked products	Warning light and buzzer prompt	
power supply		100-200V AC		
Number of motor control axesTest items		3 / 4 axis	3 / 4 axis	4 / 5 axis
Shaft range	X axis	200mm	300mm	500mm
	Y axis	200mm	300mm	500mm
	Z axis	100mm	100mm	100mm
Shaft speed	X axis	0.1-800mm/sec		
	Y axis	0.1-800mm/sec		
	Z axis	0.1-400mm/sec		
Repeat position accuracy	X axis	0.1/±0.05mm		
	Y axis	0.1/±0.05mm		
	Z axis	0.1/±0.05mm		
Resolution	X axis	0.01mm		
	Y axis	0.01mm		
	Z axis	0.01mm		
transfer method		Timing belt + lead screw precision linear track		
speed control		Automatic acceleration and deceleration processing with speed look-ahead		
Applicable locking screws		M1.5-M5.0		
Screw feeding method		Blowing type, suction type, magnetic suction type		
Use environment	temperature	0-40°C		
	humidity	20%-90%		
Dimensions		480*350*760mm	620*660*770mm	820*810*780mm
weight		≈ 70kg	≈ 60kg	≈ 85kg

Forms of special sizes can be customized

Product features

1. Replacing the manual locking screw machine to realize automatic screw locking;
2. Support missing lock, sliding teeth, floating lock report functions;
3. Support the function of taking before and after;
4. Automatic induction start function.

Product parameters

Machine size:	L730*W610*H680 mm
Large working platform:	660mm*610mm*106.5mm
Drive mode:	Double shaft precision step drive
Action speed:	1-800mm/sec
Total Weight:	70kg
Power source:	Step motor, garment motor (optional)
Repeatability:	±0.1/±0.05mm
transfer method:	Synchronous belt + screw precision straight line rail
Control System:	Three axis control system
Applicable locking screws:	M1.5-M5.0
Screw feeding method:	Blowing type, suction type, magnetic suction type
Lock up efficiency:	1.0-2.5S/ piece, depending on the screw
Supporting Documentation:	CAD/CorelDRAW
Power supply:	100-200V AC

Product usage

It is suitable for all kinds of consumer electronic products, such as mobile phones, calculators, cordless phones, navigators, audio, cameras, laptops, learning machines, intelligent home appliances, toys, etc.
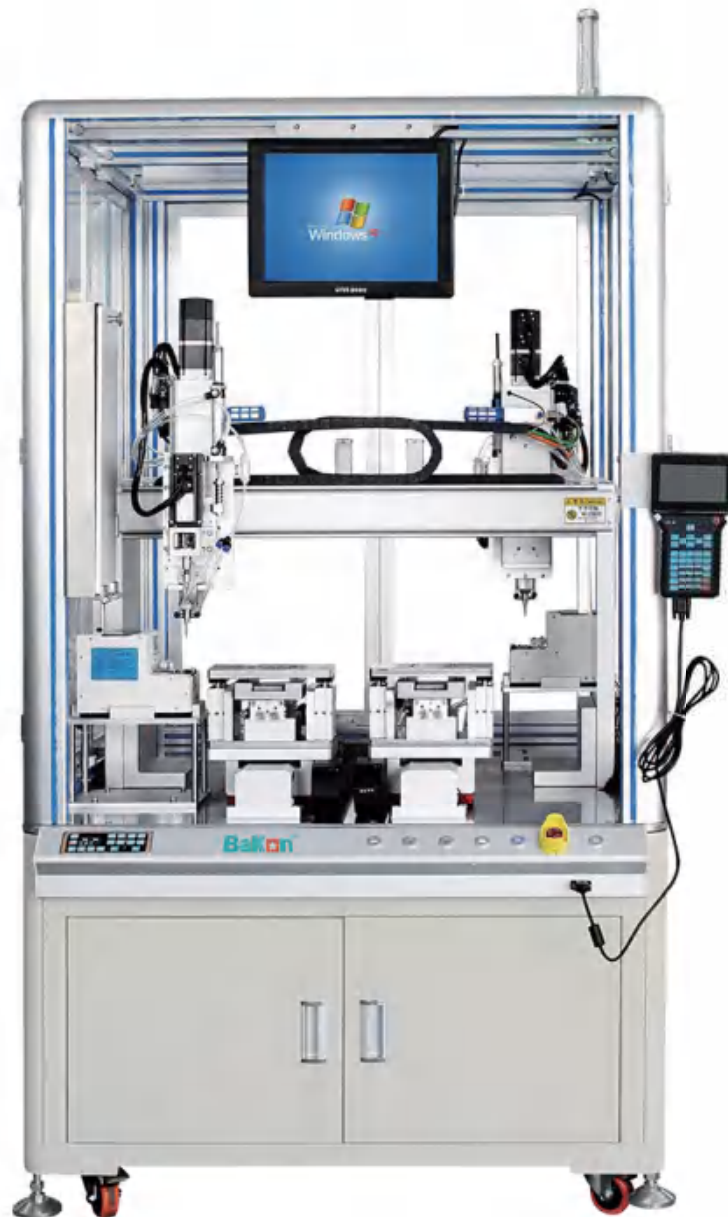
Case Show

Floor type back to back locking screw machine

Product features

1. With back-to-back design, one machine can directly complete the locking of two types of screws;

2. Double-channel double-head operation, which can improve production efficiency faster;

3. The locking screw module is a servo electric batch, which is faster, and can also upload torque data and abnormal data, and the MES system data upload function;

4. The equipment is widely used and can be used alone or in conjunction with the assembly line;

5. The equipment has high versatility, and the same type of screw can be used for most products

Using the demonstration

Product parameters

Shaft specification	X1、X2 axis	700mm	machine start	Manual / Auto
	Y1、Y2 axis	650mm	Operating Voltage	AC 220V
	Z1、Z2 axis	100mm	number of machine axes	8 axis
top speed	X1、X2 axis	800mm/s	maximum load	20 kg
	Y1、Y2 axis	800mm/s	Working power	5KW
	Z1、Z2 axis	500mm/s	Applicable air pressure	0.4-0.6Mpa
Repeatability	X/Y axis	±0.02mm	feeding system	Aspirated feeder
	Z axis	±0.02mm	programmatically	Gamepad programming/ computer programming
Dimensions	L	1100mm	Program memory	999+ Processing data
	W	1200mm	Applicable screw specifications	M1.0-M8.0
	H	2000mm	Applicable screw type	Processing data
machine weight		≈350kg		

Product advantage

Can be equipped with different electric batch, feeder, realize a variety of processes of screw lock pay;
Applicable specifications :M1.0-M10.0 specification screws; Type of use: self tapping, machine tooth

Industry application

Widely used in 3C digital, semiconductor, industrial electronics, circuit board, new energy, LED, medical equipment, automotive electronics, metal, communication equipment, crafts, military, industrial electronics, optical and other industries of product screw lock.

Case Show

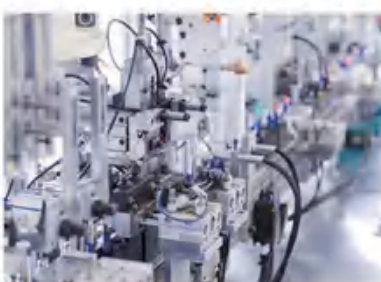Hardware accessories screw lock payment

Consumer Electronics Screw Lock Payment

Electronic motherboard screw lock payment

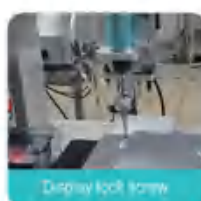Electronic product screw lock

Industrial electronic screw lock

Communication equipment screw lock

Double suction screw locking machine

Product model	BK-XL4331	BK-XL5331	BK-XL6331
Machine range (mm)	X400 * doubleY300 * Z100	X500 * doubleY300 * Z100	X500 * doubleY300 * Z100
Machine size (mm)	L730*W650*H800	L830*W650*H800	L930*W650*H800
maximum load	X-axis closed-loop motor 5KG		
maximum load	Y-axis closed-loop motor 5KG		
maximum load	Z-axis closed-loop motor 3KG		
Moving speed	X-axis closed-loop motor 1-800mm/s		
Moving speed	Y-axis closed-loop motor 1-800mm/s		
Moving speed	Z axis closed loop motor 1-300mm/s		
Working power	AC220V 50-60HZ 350W		
working pressure	600-1200hpa		
programmatically	Teaching programming, graphics import		
drive mode	Motor + synchronous belt + linear guide rail		

Case Show

Keyboard lock screw

Signal receiver lock screw

Display lock screw

Pressure gauge lock screw

Double suction screw locking machine
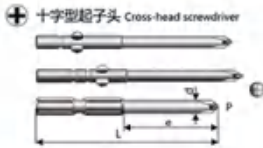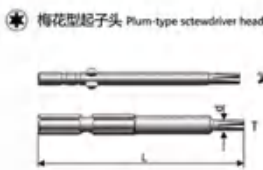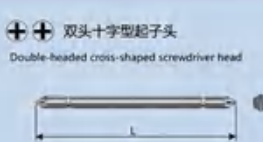
Product model	BK-CL4331	BK-CL5331	BK-CL6331
Machine range (mm)	X400 * doubleY300 * Z100	X500 * doubleY300 * Z100	X500 * doubleY300 * Z100
Machine size (mm)	L730*W650*H800	L830*W650*H800	L930*W650*H800
maximum load	X-axis closed-loop motor 5KG		
maximum load	Y-axis closed-loop motor 5KG		
maximum load	Z-axis closed-loop motor 3KG		
Moving speed	X-axis closed-loop motor 1-800mm/s		
Moving speed	Y-axis closed-loop motor 1-800mm/s		
Moving speed	Z axis closed loop motor 1-300mm/s		
Working power	AC220V 50-60HZ 350W		
working pressure	600-1200hpa		
programmatically	Teaching programming, graphics import		
drive mode	Motor + synchronous belt + linear guide rail		

LED lamp lock screw

Lock screws of electronic products

Circuit board lock screw

Raw insert lock screw

Specification sheet for screwdriver head
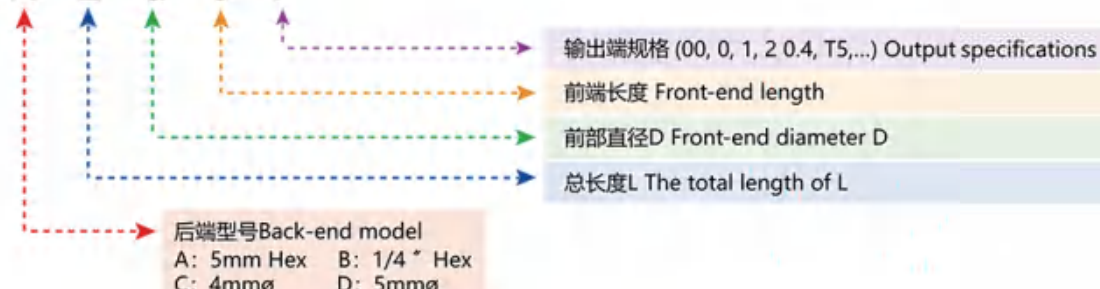
提供高质量钢料及精密加工制造的高质量耐用起子头
High quality steel and precision machined high quality durable screwdriver heads

样 式 Style	后端型号 Back-end model	规 格 Specification 尺 寸 Size			L
⊕ 十字型起子头 Cross-head screwdriver		d	p	e	40-200
			00		
		2.0-2.6	0	20-30	
			1		
		3.0-5.0	2		
⊖ 一字型起子头 A font screwdriver head			W		40-100
		2.0-3.0	0.4		
		3.0-4.0	0.6		
		4.5-5.0	0.8		
● 内六角起子头 Hexagon head screwdriver	A: 5mm Hex B: 1/4" Hex C: 4mmø D: 5mmø	H			40-100
		1.27/1.5/2.0 2.5/3.0/4.0 5.0/6.0			
○ 六角套筒 Hex socket		A/F			50-150
		2.2-14.0			
✳ 梅花型起子头 Plum-type screwdriver head		d	T		40-100
		2.0	T5-T6		
		2.5	T7-T8		
		3.0	T9-T10		
		3.5	T15		
		4.0	T20		
		5.0	T25		
		6.0	T30		
⊕⊕ 双头十字型起子头 Double-headed cross-shaped screwdriver head	A: 5mm Hex B: 1/4" Hex	P			45-300
		1			
		2			

※ 起子头编号说明:
Starting point number description:

A-L-d-e-P

输出端规格 (00, 0, 1, 2 0.4, T5,...) Output specifications

前端长度 Front-end length

前部直径D Front-end diameter D

总长度L The total length of L

后端型号 Back-end model
A: 5mm Hex   B: 1/4" Hex
C: 4mmø   D: 5mmø

All kinds of special specifications can be customized according to customer requirements.

High-speed precision solder paste dispenser

Product advantages

1. Air pressure constant system;
2. weighing system;
3. Bottom heating module;
4. Rotary tilt dispensing system;
5. Two-valve synchronous, two-valve asynchronous dispensing system;
6. 300CC feeding device;
7. Two-section transport track, tenon-and-mortise structure is more stable;
8. Double transport track, stable operation and strong load;
9. Closed-loop motor: fast operation and high efficiency.

Application field

1. **Communication industry:** hot melt adhesive, UV glue, conductive silver paste Optical communication industry: silica gel, optical glue micro-dispensing, packaging and other applications;
2. **Biomedical industry:** biological spermatogonia delivery, protein ratio, etc.;
3. **LED manufacturing:** applications such as phosphor powder dispensing, filling glue potting, LED flexible strip packaging, etc.;
4. **Electronics industry:** LCD, SMT, RJ/network transformers, industrial electronics, etc.;
5. **Manufacturing:** handicrafts, plastics, metals, glass and hardware, etc.

Application range

Widely used in mobile phone, consumer electronics, military, SMT, MEMS, PCB motherboard, FPC soft board, semiconductor industry, intelligent chip, new energy, LED industry, medical, automotive electronics and other industries precision dispensing products.

Features

One-button operation button is more convenient, the body is set with one-button operation button, so that the operation is more convenient and fast, simple and easy to learn, easy to operate, Computer programming system is simple and convenient, computer side programming system, English interface, simple and easy to learn, large storage space, data storage at any time call; Stainless steel frame is more stable, stainless steel has stronger corrosion resistance, oxidation resistance, stainless steel frame, rice gold shell, durable.

Product manual

Single machine can be operated, simple and convenient, high-speed and precise dispensing; Suitable for bottom filling glue, sealant, epoxy resin glue, UV glue, conductive silver paste, ink, chemical reagents, acrylic grease and other glue; Bottom filling, chip coating, semiconductor packaging, stack packaging POP and other technologies, mobile phone 3C digital, semiconductor, medical, LED, new energy and other industries; Can draw point, line, arc, circle, irregular curve continuous tinting input procedures and other functions and 3d dispensing.

Optional project

Constant pressure system; Weighing system; Bottom heating module: rotary tilt dispensing system, double valve synchronous, double valve asynchronous dispensing system; 300CC feeding device; Two-stage transport track double transport track

The test data

name:	conductive silver paste	Victory	Victory	Victory
model	/	POP-2-30S-6#	POP-2-30S-7#	POP-2-30S-8#
Minimum spot diameter	0.13mm	0.3mm	0.25mm	0.17mm
Minimum wire diameter	0.17mm	0.35mm	0.3mm	0.22mm

Product parameters

Operating range:	X600*Y600*Z100mm
Machine size:	L1100*W1500*H1450mm
Working power:	AC220V 50-60Hz 1.2KW
top speed	1000mm/s (Higher speed can be customized)
Repeatability:	±0.01mm-0.02mm
Dispensing valve	Lemo piezoelectric solder paste injection valve from Germany
operating system:	CCD visual positioning system
Drive mode	Servo motor (Panasonic)+ Screw (Taiwan TBI)
working pressure:	900-1200hpa
Visual recognition accuracy:	0.01mm

Note: If product specifications and parameters are changed, complain without notice, in kind prevail.
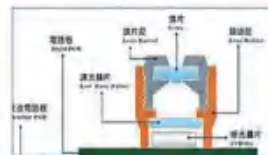
Case Show

bottom padding

pin encapsulation

surface mount

FPC component compensation

Dam and Fill

red glue

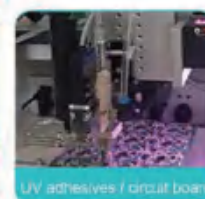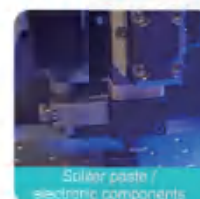# Single position high speed vision glue sprayer

Product manual

Can be realized for a variety of product dispensing function, with point drawing, straight line, multi-segment line, arc, circle and other path editing methods, with a simple programming environment, offset setting, matrix call, repeat track and other functions.

Product number	BK-C441	BK-C551
Operating range (mm)	X400*Y400*Z100	X500*Y300*Z100
Machine size (mm)	L1200*W610*H660	L1300*W610*H660
power supply	AC220V 50-60HZ 350W	
top speed	300mm/s (customizable)	
Repeatability	±0.01mm (customizable)	
working pressure	600-1200hpa	
Machine material	sheet metal	
Applicable valve body	Syringe, cold glue valve, hot melt glue valve, AB glue valve, jet valve, etc. are optional	
programming mode	PC computer keyboard	
Targeting	visual positioning system	
Applicable glue	Solder paste, hot melt adhesive, AB glue, UV glue, silicone, ink, underfill glue and other glues	

Case Show

Solder paste / electronic components

UV adhesives / circuit board

Fluorescent liquid / article lamp

Conductive silver paste / motor

Unit Three Dispensing Machine

Case Show

Ink / Auto Parts

Silicone / horn

Cement / point reading machine

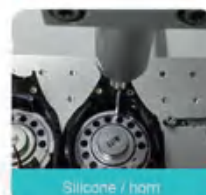Edible gelatin / chocolate

Product manual

Can be realized for a variety of products dispensing function, can realize the space range of straight line/draw circle/dot/draw arc/line and arbitrary shape of the path point coating operation mode, with a simple programming environment, offset setting, matrix call, repeat track and other functions; Glue quantity/speed can be set with one key.

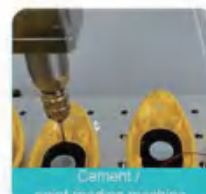| Product number	BK-D331	BK-D441	BK-D551
Operating range (mm)	X300*Y300*Z100	X400*Y400*Z100	X500*Y500*Z100
Machine size (mm)	L610*W610*H660	L710*W710*H660	L810*W810*H660
power supply	AC220V 50-60HZ 350W		
top speed	300mm/s (customizable)		
Repeatability	±0.02mm-0.05mm (customizable)		
Applicable valve body	Syringe, cold glue valve, hot melt glue valve, AB glue valve, jet valve and other optional		
Relative humidity	20-90%		
Operating temperature	5-40℃		
programming mode	joystick programming box		
program storage	Can store 99 sets of processing data		
storage	1000+ processing points		
Applicable glue	Solder paste, hot melt adhesive, AB glue, UV glue, silicone, ink, underfill glue and other glues		

BAKON

Technology, innovation, win the future