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ATTEN

Product Catalog

2021



ABOUT US

- ✧ One of the largest and most powerful electronic instrument and electronic tool manufacturers in China, located in Guangming District, Shenzhen City since it was founded in 1996.
- ✧ The member of China Soldering Station Industry Standard Committee and National Standardization Technical Committee of Home Appliances.
- ✧ Transferred successfully from an OEM factory into a widely accepted brand enterprise and was titled many times as the “National New High-tech Enterprise” through continuously brought in professional work staff and international management principles.
- ✧ A system work solution provider experienced in developing, manufacturing, sales and after-sales services, and focused in the following two industrial categories:
 1. Advanced soldering and desoldering tools including lead-free soldering station, hot air station, rework system, BGA rework station.
 2. Linear DC power supply, switching power supply and programmable power supply.
- ✧ Enterprise obtained ISO9001:2015 quality control system. Products approved by CE, RoHS 2.0, UL/ETL, REACH, KC, SAA and CCC.
- ✧ Establishing worldwide distribution network and local cooperation partnership.



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Innovative multi-function soldering system

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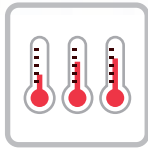
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GT Series soldering system



Rapid temp recovery



Preset temp



ESD safe



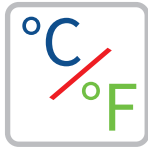
Auto sleep



Password function



Auto standby



°C/°F available



Fault display

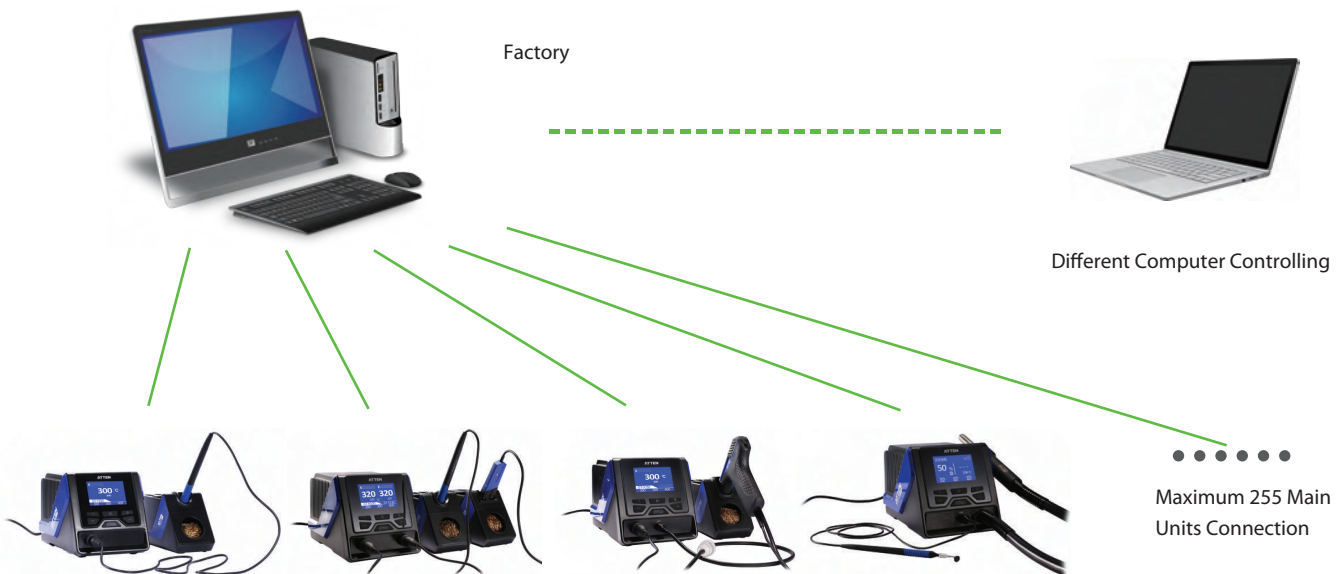


Automatic identification



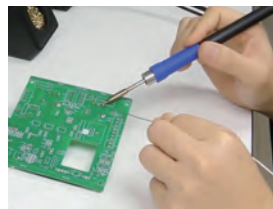
Software Control

Computer control



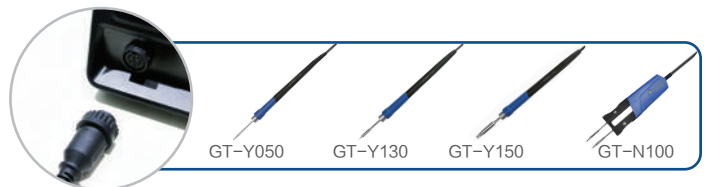
GT-6150

Single channel high- end Intelligent unleaded soldering station



Features:

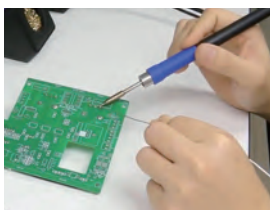
- Compatible with various type of soldering tools, utility model with multiple functions.
- Max Power is 150W.
- Big silicone buttons operate comfortable and reliable.
- All kinds of parameter data and information in the form of graphics display.
- Can automatically recognize the soldering tools and upload the corresponding parameters.
- Provide 3 groups shortcut temperature to simplify operations.



Automatic identification

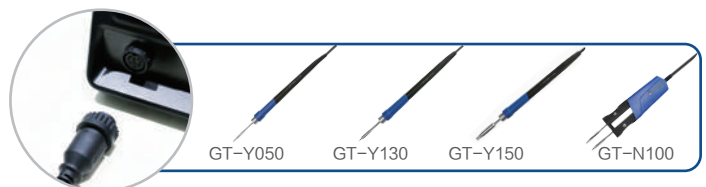
GT-6200

Dual channel high- end Intelligent unleaded soldering station



Features:

- Compatible with various type of soldering tools, a machine serves several purposes.
- Whole machine max power is 200W.
- Two output channels can work at the same time.
- Big silicone buttons operate comfortable and reliable.
- All kinds of parameter data and information in the form of graphics display with its large LCD screen.
- Can automatically recognize the soldering tools and upload the corresponding parameters.
- Provide 3 sets shortcut temperature to simplify operations.



Automatic identification

GT-5150

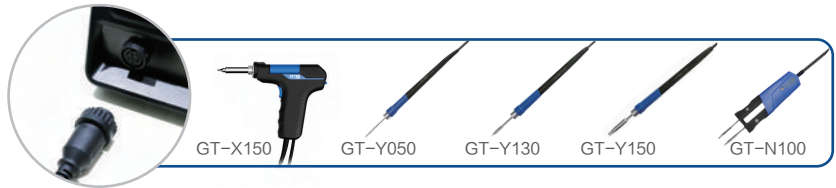
Single channel high- end Intelligent unleaded suction soldering station



Desoldering Nozzles

Features:

- Compatible with various type of soldering tools, one machine serves several purposes.
- Built- in vacuum suction pump.
- Max power is 150W.
- Big silicone buttons operate comfortable and reliable.
- All kinds of parameter data and information in the form of graphics display with its large LCD screen.
- Can automatically recognize the soldering tools and upload the corresponding parameters.
- Provide 3 sets shortcut temperature to simplify operations.



Automatic identification

GT-8102

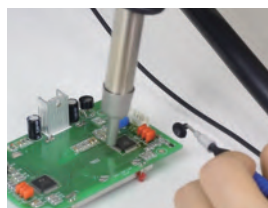
Intelligent high power hot air rework station



Nozzle

Features:

- LCD display making parameters monitorable and system setting easier.
- Equip with vacuum suction pen, components can be extracted after desoldering.
- Installed brushless fan, air volume can reach 120 l/min.
- 1000W high power heating core, heating up fast.
- Support timing work & password function.
- 3 sets shortcut air volume/temperature are available.
- Temperature compensation, fixed temperature, upper & lower temperature limits making temperature's management easier.
- Automatic standby/air delay after power-off function makes work safer.



Specification:

Pictures				
Model	GT-6150	GT-6200	GT-5150	GT-8102
Voltage	AC(100V/110V/120V 220V/230V/240V) 50/60Hz (Optional)			
Power	150W	200W	150W	1000W
Temperature range	150°C~480°C	150°C~480°C	300°C~480°C	100°C~480°C
Temperature stability	±2°C (in still air, no load)	±2°C (in still air, no load)	±2°C (in still air, no load)	±5°C (in still air, no load)
Handle	GT-Y130	GT-Y130, GT-N100	GT-X150	GT-R102
Soldering tip	T130-1.0I	T130-1.0I, T100-0.5I	Desoldering Nozzles: 3 PCS	Nozzles: 3 PCS
Soldering tip/heater	Integrated	Integrated	Integrated	Integrated
Soldering stand	S-01	S-01, S-02	S-03	Air gun holder
Inner box	37.5x34.5x22.5(cm)	45.8x37x22.5(cm)	63.5x32x24(cm)	43x32.5x24(cm)
N.W.	4.11KG	4.97KG	5.05KG	5.08KG
G.W.	6.33KG	7.61KG	7.32KG	6.81KG
Package list	GT-6150 host: 1 Set Operation manual: 1 Set Power cord : 1 Pcs Certificate of qualification : 1 Pcs 3.5mm grounding receptacle : 1 Pcs GT-Y130 handle set : 1 Pcs S-01 Iron stand : 1 Pcs	GT-6200 host: 1 Set Operation manual: 1 Set Power cord : 1 Pcs Certificate of qualification : 1 Pcs 3.5mm grounding receptacle : 1 Pcs GT-Y130 handle set : 1 Pcs S-01 Iron stand : 1 Pcs GT-N100 tweezers handle : 1 Pcs S-02 Iron stand : 1 Pcs	GT-5150 host: 1 Set Operation manual: 1 Set Power cord : 1 Pcs Certificate of qualification : 1 Pcs 3.5mm grounding receptacle : 1 Pcs GT-X150 desoldering gun : 1 Pcs S-03 Iron stand : 1 Pcs	GT-8102 host: 1 Set Operation manual: 1 Set Power cord : 1 Pcs Handle holder : 1 Pcs Spray nozzle : 3 Set Vacuum pen : 1 Set Hot air gun handle: 1 Pcs Conformity certificate: 1 Set Tool box : 1 Set Suction disc: 4x3 Pcs
Applicable	<ul style="list-style-type: none"> ● Institutes/Enterprises ● Education and practice ● Maintenance ● Hobby 			



Note: GT series optional handles details in page 7.



Note: Integrated heater details in page 8-9.



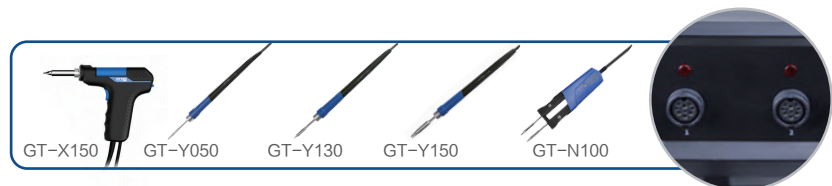
MS-900 **ESD SAFE**

4 In 1 Intelligent Rework Station



Applicable:

- High accuracy MCU control is employed to synchronously detect whether the 3 tool channels can be used independently and synchronously without mutual interference.
- Built-in vacuum generator
- Super power. The whole machine can provide a maximum of 900W power output.
- Stand-alone machine can carry out multiple desoldering tasks simultaneously.
- Large screen graphics display screen which can display all kinds of parameter data and messages graphically.
- The contents can be presented abundantly and intuitively.
- Automatically identify all kinds of welding tools and load corresponding parameters.
- The software can adjust the temperature automatically which is more accurate and convenient.
- Fault display and alarm functions available
- Functions such as standby, buzzer ringing, temperature lock and factory data reset available
- Support communication interface. It can access to a computer, and complete various settings following the specified program.
- Vacuum desoldering pen is added to facilitate dismantle the desoldering components.



Automatic identification

Specification:

Model		MS-900		
Voltage	AC(100V/110V/120V 220V/230V/240V) 50/60Hz (Optional)			
Total Power	900W			
Main unit	Hot Air Station	Soldering Station	Desoldering Station	Electronic Tweezers
Power	Heater 550W Air pump 25W	130W	Heater 150W, Vacuum pump 15W	100W
Handle	AP-552B	GT-Y130	GT-X150、GT-B001	GT-N100
Temperature range	150°C~550°C	150°C~550°C	300°C~550°C	150°C~550°C
Standby	No Standby	200°C	300°C	200°C
Standby time	No function	1~120 minutes (0 i.e. standby deactivated)	1~120 minutes (0 i.e. standby deactivated)	1~120 minutes (0 i.e. standby deactivated)
Air flow grades	23L/Min			
Noise	<52dB(A)			
Temperature stability	±5°C	±2°C	±2°C	±2°C
Temperature compensation	- 50~+50°C			
Lock setting	Available			
Tip to ground impedance	<2Ω			
Tip to ground voltage	<2mV			
Overall dimension	310(L)x251(W)x119(H)			
Weight	N.W.: 14KG		G.W.: 16KG	
Package:	Main unit: 1 set Air gun of soldering station: 1 pc Soldering iron stand: 1 pcs Desoldering station handle: 1 pc Electric tweezer handle: 1 pc Desoldering gun handle: 1pc Desoldering pen handle: 1pc Power cord: 1 pc	Blow-dryer bracket: 1 pc Screw: 2 pcs Suction disk: 11 pcs Spring: 3 pcs Suction nozzle: 3 pcs Rubber washer: 2 pcs Desoldering nozzle: 3 pcs Nozzle: 4 pcs	Desoldering gun front plug: 2 pcs Desoldering gun O-ring 6x1.5: 2 pcs Desoldering gun O-ring: 2 pcs Desoldering tube liner: 1 pc Filter cotton: 10 pcs Dust-absorbing sponge: 10 pcs Spring pin(cleaning pin): 1 pc Anti-ironing mat: 1 pc	User Manual: 1
Applicable	<ul style="list-style-type: none"> ● Institutes/Enterprises ● Education and practice ● Maintenance ● Hobby 			

GT Series

Accessories

GT-Y050

50W Mini Soldering iron

50W mini soldering iron,
suitable for small welding components

GT-Y130

130W Soldering iron

130W middle size soldering iron,
suitable for most welding components

GT-Y150

150W High- power Soldering iron

150W high- power soldering iron with sufficient heat
energy, suitable for welding large bonding pad and
weldments

GT-N100

100W Tweezers handle

With soldering and desoldering function,
suitable for soldering and desoldering various SMD devices

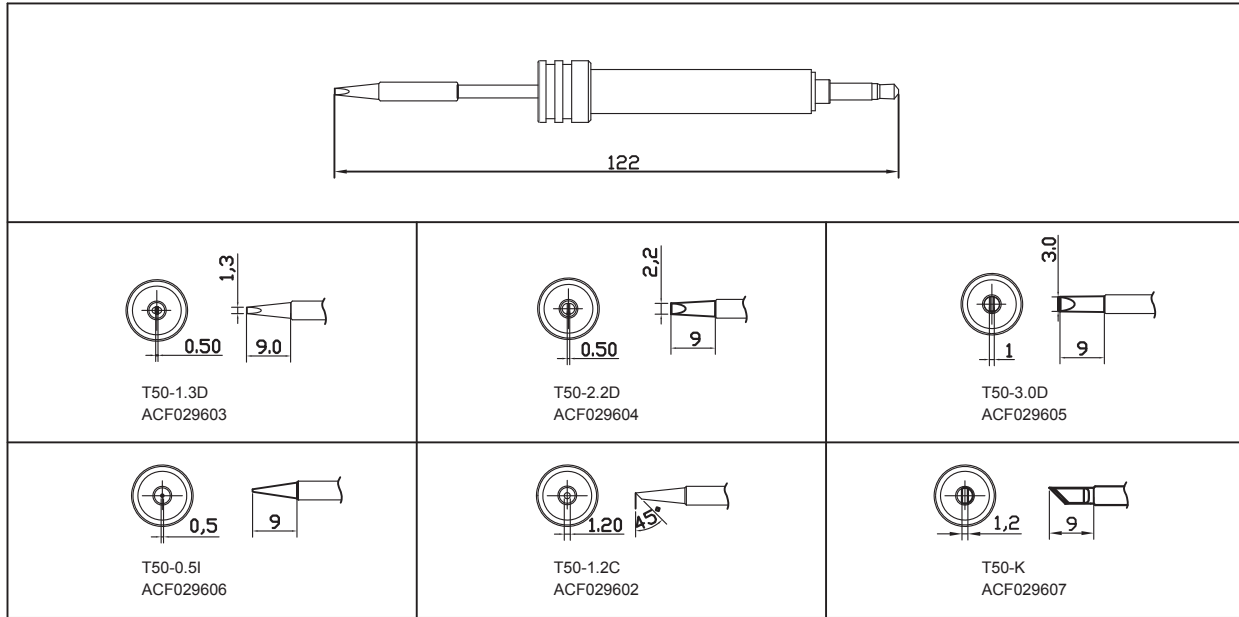
GT-X150

150W Desoldering gun

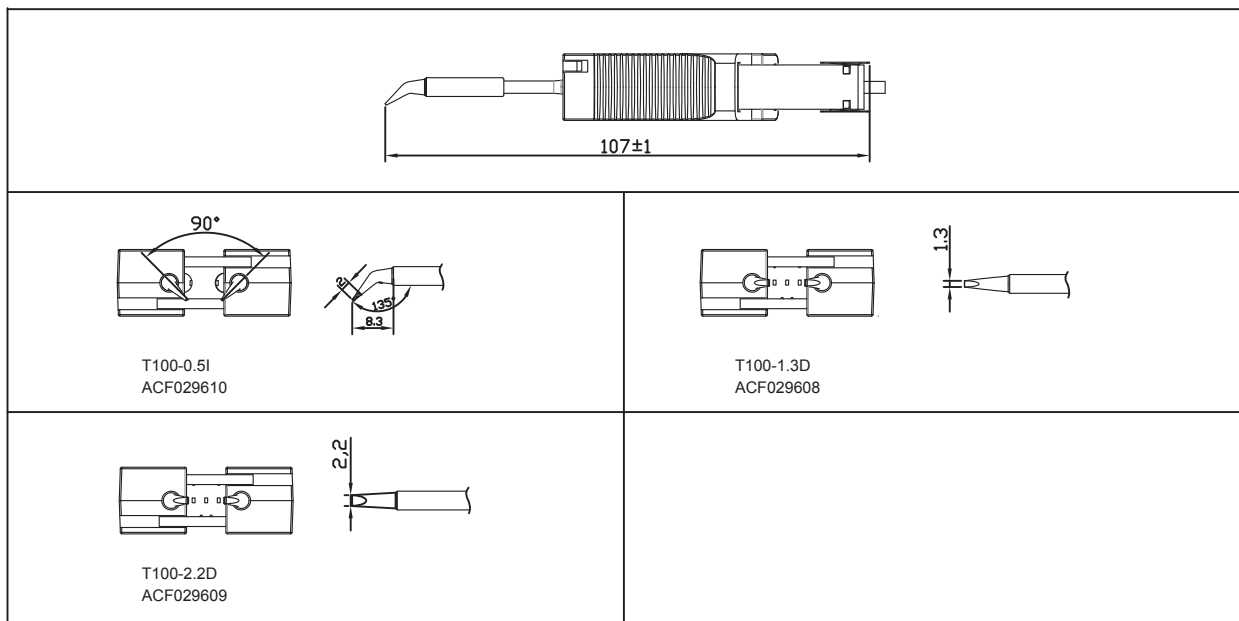
High power, heating up quickly, minimize damage to PCB boards.
New design with replaceable nozzle, heat conducting quickly,
high efficiency and low cost



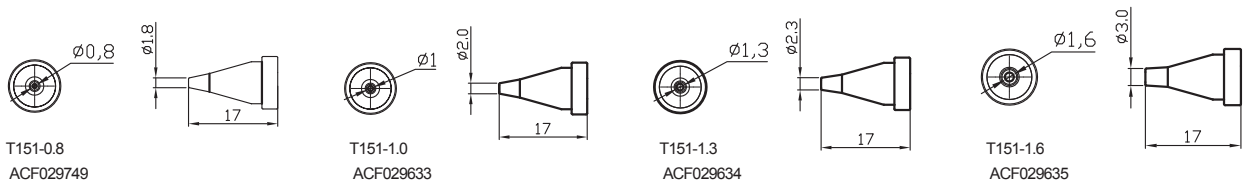
Integrated heater (50W)



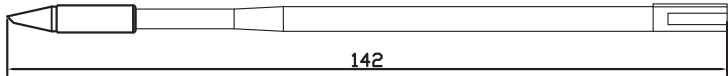
Integrated heater (100W)


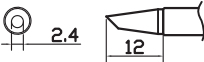
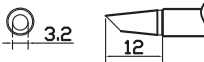
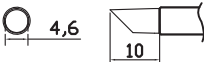
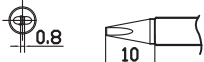
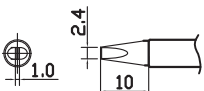
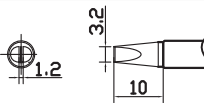
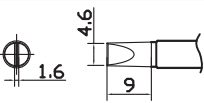
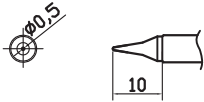
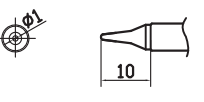
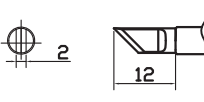
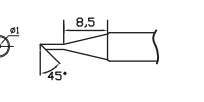
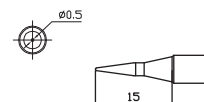
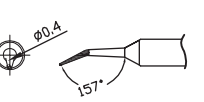



Desoldering Nozzles (T151)

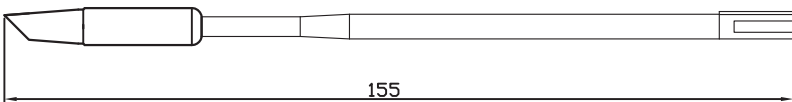


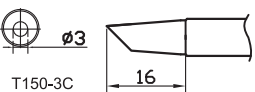
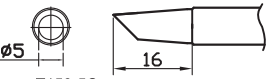
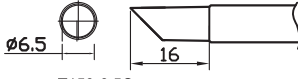
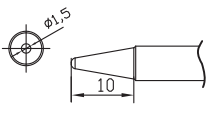
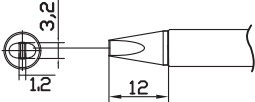
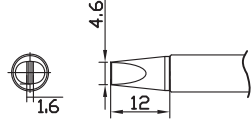
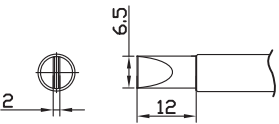
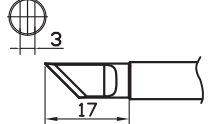
Integrated heater (130W)



 <p>T130-1.2C ACF029611</p>	 <p>T130-2.4C ACF029616</p>	 <p>T130-3.2C ACF029617</p>	 <p>T130-4.6C ACF029618</p>
 <p>T130-1.6D ACF029619</p>	 <p>T130-2.4D ACF029620</p>	 <p>T130-3.2D ACF029621</p>	 <p>T130-4.6D ACF029622</p>
 <p>T130-0.5I ACF029623</p>	 <p>T130-1.0I ACF029624</p>	 <p>T130-K ACF029625</p>	 <p>T130-C</p>
 <p>T130-SI</p>	 <p>T130-0.5IS</p>	 <p>T130-SK</p>	

Integrated heater (150W)

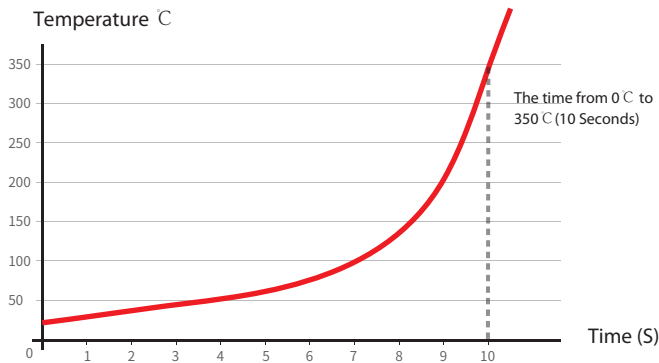


 <p>T150-3C ACF029626</p>	 <p>T150-5C ACF029627</p>	 <p>T150-6.5C ACF029628</p>	 <p>T150-B ACF029748</p>
 <p>T150-3.2D ACF029629</p>	 <p>T150-4.6D ACF029630</p>	 <p>T150-6.5D ACF029631</p>	 <p>T150-K ACF029632</p>

GT Series Soldering handles Performance Test

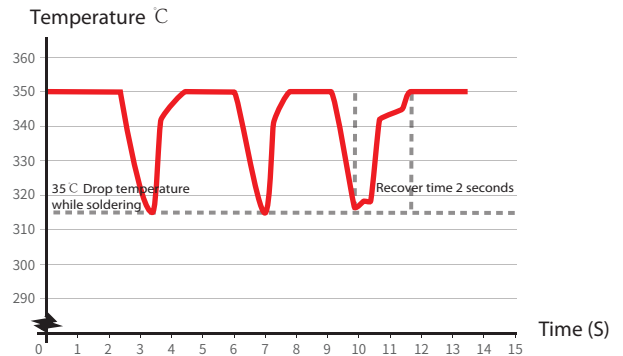


HEATING UP TIME TEST

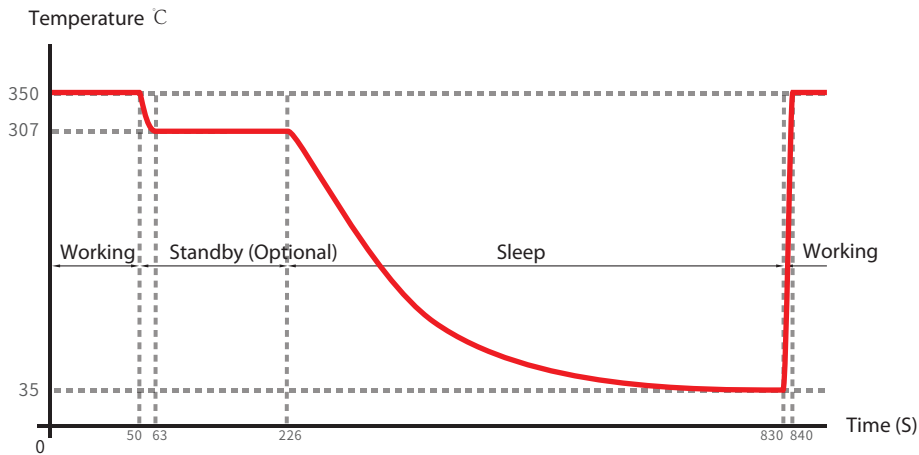


Fast heating up to set temperature, speed up working efficiency.

DROP TEMPERATURE RECOVER TIME CONTROL CURVE

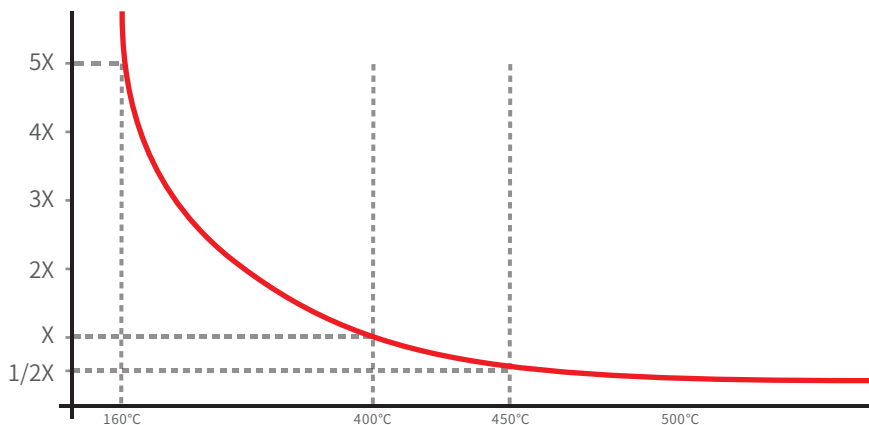


AUTO STANDBY & AUTO SLEEP ILLUSTRATION



- After put handle on holder, standby function can automatically reduce the temperature of nozzle.
- Once reached standby time, the machine will enter auto sleep mode.
- Once power off, the temperature of nozzle will reduce to room temp.
- After power on, the temperature of nozzle quickly heating up to set temperature.

THE SERVICE LIFE OF NOZZLE CAN BE EXTENDED 5 TIMES AT MOST



Using the nozzle base on the temperature illustration, the service life of nozzle can be double extended.

The function of auto sleep, could protect nozzle to extend 5 times of service life.

MS-300 **ESD SAFE**

3 In 1 rework station



Specification:

Product pictures				
Item No	ST-862D	ST-965	APS15-3A	
Power	1000W	65W	56W	
Temperature range	100°C~480°C	200°C~450°C	Ripple and noise	CV≅0.5mVrms
Air flow	130L/min(Max),20L/min(Min)		Protection function	OCP(support automatically recovery)/OHP
Heater	Pluggable	Pluggable	USB interface	Fixed 5V output(± 5%), maximum 2.1A output(overcurrent protection, stop outputting)
Soldering tip type	Nozzles:4 PCS	T900-0.2IS	Heat-dissipating method	Smart fan control
Working condition	Temp:0°C~40°C Humidity: <80%	Temp:0°C~40°C Humidity: <80%	Working condition	Temp:0~40°C Humidity: <80%
Storage condition	Temp:-20°C~80°C Humidity: <80%	Temp:-20°C~80°C Humidity: <80%	Storage condition	Temp:-20~70°C Humidity: <80%
Dimensions	210x174x150(mm)	210x88x150(mm)	Size	210x80x150(mm)
N.W.	3.34kg	1.97kg	N.W.	2.4kg
Applicable	<ul style="list-style-type: none"> ● Institutes ● Enterprises ● Education and practice ● Maintenance ● Hobby 			

Note: T900 series soldering tip details in page 22.

Hot Air Station ST-862D



Features:

- LCD display screen making control visualization.
- Temperature unit switching function.
- Temperature locking ,timed work function.
- MCU controlled temperature calibration,compensation for constant working .
- Strong air volume with brushless fan.
- Easy to replace with pluggable heater.
- Convertible with straight air and spiral air.
- Auto-sleep function.

Soldering Station ST-965



Features:

- Automatic standby, shutdown with smart time setting.
- Beep alarm function available.
- Temperature locking, temperature calibration and temperature alarming function.
- Password protecting function and temperature unite switching function
- MCU controlled temperature calibration.
- New design with LCD display screen making control visualization.
- Buttons(1,2,3) for pre-setting or switching frequentlyused temperature.

Power Supply APS15-3A



Features:

- Controlled by MCU digital and series adjustment, low ripple, low noise and high stability.
- Designed with double types of tables, more suitable for telecommunication devices.
- Fast dynamic load response speed, optimized proceed for communication equipments.
- Support automatically recovered overcurrent protection(OCP) and overheating function(OHP).
- Independent USB interface, which can provide current 2.1A output, support overcurrent and short circuit protection.

MS-500 **ESD SAFE**

3 In 1 rework station



Specification:

Product pictures				
Item No	ST-862D	ST-9150	APS22-5A	
Power	1000W	150W	125W	
Temperature range	100°C~480°C	200°C~450°C	Ripple and noise	CV ≤ 0.5mVrms
Air flow	130L/min(Max), 20L/min(Min)		Protection function	OCP(support automatically recovery)/OHP
Heater	Pluggable	Pluggable	USB interface	Fixed 5V output(± 5%), maximum 2.1A output(overcurrent protection, stop outputting)
Soldering tip type	Nozzles:4 PCS	T950-0.1IS	Heat-dissipating method	Smart fan control
Working condition	Temp:0°C~40°C Humidity: <80%	Temp:0°C~40°C Humidity: <80%	Working condition	Temp:0 ~ 40°C Humidity: <80%
Storage condition	Temp:-20°C~80°C Humidity: <80%	Temp:-20°C~80°C Humidity: <80%	Storage condition	Temp:-20~70°C Humidity: <80%
Dimensions	210x174x150(mm)	210x88x150(mm)	Size	210x80x150(mm)
N.W.	3.34kg	3kg	N.W.	2.4kg
Applicable	<ul style="list-style-type: none"> ● Institutes ● Enterprises ● Education and practice ● Maintenance ● Hobby 			

Hot Air Station ST-862D



Features:

- LCD display screen making control visualization.
- Temperature unit switching function.
- Temperature locking ,timed work function.
- MCU controlled temperature calibration,compensation for constant working .
- Strong air volume with brushless fan.
- Easy to replace with pluggable heater.
- Convertible with straight air and spiral air.
- Auto-sleep function.

Soldering Station ST-965



Features:

- Design with LCD display screen making control visualization.
- Buttons(1,2,3) for pre-setting or switching frequently used temperature.
- Auto sleep ,auto standby ,auto shutdown function to keep soldering work safer and extend machine lifespan .
- Has temperature locking, temperature calibration ,temperature alarming ,auto shutdown heating , password protecting function .
- Temperature read out in $^{\circ}\text{C}$ and $^{\circ}\text{F}$.
- Compatible with various type of soldering tools .
- Heating-up very fast with replaceable integrated heater.

Power Supply APS22-5A



Features:

- Controlled by MCU digital and series adjustment, low ripple, low noise and high stability.
- Designed with double types of tables, more suitable for telecommunication devices.
- Fast dynamic load response speed, optimized proceed for communication equipments.
- Support automatically recovered overcurrent protection(OCP) and overheating function(OHP).
- Independent USB interface, which can provide current 3A output, support overcurrent and short circuit protection.

ST-1509

Intelligent Soldering Station



heater

Features:

- Design with LCD display screen making control visualization.
- Buttons(1,2,3) for pre-setting or switching frequently used temperature.
- Auto sleep ,auto standby ,auto shutdown function to keep soldering work safer and extend machine lifespan .
- Has temperature locking, temperature calibration ,temperature alarming ,auto shutdown heating , password protecting function .
- Temperature read out in $^{\circ}\text{C}$ and $^{\circ}\text{F}$.
- Compatible with various type of soldering tools .
- Heating-up very fast with replaceable integrated heater.

Specification:

Item No	ST-1509			
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz			
Power	150W			
Temperature range	80 $^{\circ}\text{C}$ ~480 $^{\circ}\text{C}$			
Temperature accuracy	$\pm 10^{\circ}\text{C}$			
The handle type	Y950 /Y9130 /Y9150 /N9100 optional			
Soldering tip/Heater	T950-0.1IS T950-2.0SK / T9130-1.0I T9130-K / T9150-4.6D T9150-5C / T9100-0.5I optional			
Soldering stand	S-13			
Package list	Main unit: 1unit AC cord: 1 PCS	Iron Stand: 1PCS integrated heater with tip: 2 PCS	Manual: 1 PCS	Iron Handle Set: 1PCS
Standard Packing	Inner box: 28.2x21x18.7(cm) N.W.: 3kg G.W.: 3.3kg Carton: 6PCS/Carton Size: 43.5x30x58(cm) N.W.: 19.8kg G.W.: 20.8kg			
Applicable	<ul style="list-style-type: none"> ● Production line ● Education and practice 	<ul style="list-style-type: none"> ● Institutes ● Maintenance 	<ul style="list-style-type: none"> ● Enterprises ● Hobby 	

ST-8800D ESD SAFE

Intelligent hot air station



Features:

- Large LCD screen; Temp/Air adjust easily.
- Touch sensor inside, auto sleep function will take effect when hot air gun placed on the stand.
- Use brushless vortex fan making cyclone air output more gentle and evenly.(Offer 4 nozzles).
- Has automatic large air volume cooling function, effectively protect the life of heating core and handle.
- Has independent cold air function, can deal with special use purpose.
- Three sets of quick temperature keys, can be set and save independently, use easily.
- Has password protection and key lock function, make control easily.
- With timing function and temperature compensation function, make use flexibly.

Specification:

Item No	ST-8800D		
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz		
Power	800W		
Temperature range	100°C~500°C		
Temperature accuracy	±35°C		
Air flow	30-120L/Min		
Standby heater cooling function	Support		
Beep alarm function	Available		
Package list	Main unit: 1unit Gun Holder : 1 PCS	Hot air gun: 1 PCS AC cord: 1 PCS	Manual: 1 PCS Nozzles: 4 PCS
Standard Packing	Inner box: 35.2x23x20(cm) N.W.: 1.56kg G.W.: 1.75kg Carton: 4PCS/Carton Size: 48x37x42(cm) N.W.: 7kg G.W.: 7.8kg		
Applicable	<ul style="list-style-type: none"> ● Production line ● Education and practice 	<ul style="list-style-type: none"> ● Institutes ● Maintenance 	<ul style="list-style-type: none"> ● Enterprises ● Hobby

ST-8802

Double Channels rework system



Features:

- Large LCD screen; Temp/Air adjust easily.
- Touch sensor inside, auto sleep function will take effect when hot air gun placed on the stand.
- Use brushless vortex fan making cyclone air output more gentle and evenly.(Offer 4 nozzles).
- Has automatic large air volume cooling function, effectively protect the life of heating core and handle.
- Has independent cold air function, can deal with special use purpose.
- Three sets of quick temperature keys, can be set and save independently, use easily.
- Has password protection and key lock function, make control easily.
- With timing function and temperature compensation function, make use flexibly.

Specification:

Item No	ST-8802			
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz			
Name	Hot air station		Soldering station	
Total Power	800W		65W	
Temp range	100°C~500°C/212°F~932°F		80°C~480°C/176°F~896°F	
Temp accuracy	±35°C		±5°C	
Temp stability	±5°C		±2°C	
Air flow	120L/min			
The handle type	AP-800B		SP-65	
Soldering tip			T900-0.2SI	
Package list	Main unit: 1unit Gun Holder : 1 PCS	Hot air gun: 1 PCS AC cord: 1 PCS	Manual: 1 PCS Nozzles: 4 PCS	Iron Handle Set: 1PCS Iron Stand: 1PCS
Standard Packing	Inner box: 29.5x24.8x18.8(cm) N.W.: 2.75kg G.W.: 3kg Carton: 6PCS/Carton Size: 48x37x42(cm) N.W.: 18kg G.W.: 18.8kg			
Applicable	● Institutes ● Enterprises ● Education and practice ● Maintenance ● Hobby			

ST-2090D

Multifunctional Soldering Station



Features:

- This product designed with digital led segmented display
- Combined soldering station with soldering stand.
- MCU controlled temperature calibration with PID system equipped, adjust temperature by knob button, easy to operate.
- The handle structure is ergonomically designed for comfortable grip.
- The heating wire and sensor are made of PTC material, which is quick in temperature rise and precise in temperature control.
- Auto-standby, auto-shut down is available.
- Using 3 cored power cable.

Specification:

Item No	ST-2090D	
Voltage	110/240V AC	
Power	80W	
Temperature range	80°C~480°C	
Temperature accuracy	±15°C	
Temperature Stability	±2°C(in still air,no load)	
Temperature unit	°C/°F	
Soldering tip type	T900-B	
Package list	Main unit (including machine, power cable and handle)x1pc Soldering wire holder x 1pc User manual x 1pc	
Standard Packing	Inner box: 20x18x12.5(cm) N.W.: 0.7kg G.W.: 0.91kg Carton: 12PCS/Carton Size: 41.5x37.5x39(cm) N.W.: 11kg G.W.: 11.8kg	
Applicable	<ul style="list-style-type: none"> <li style="width: 33%;">● Production line <li style="width: 33%;">● Institutes <li style="width: 33%;">● Enterprises <li style="width: 33%;">● Education and practice <li style="width: 33%;">● Maintenance <li style="width: 33%;">● Hobby 	

Note: T900 series soldering tip details in page 24.

ST Series Soldering Station



Features:

- Temperature locking.
- Beep alarm function available.
- MCU controlled temperature calibration.
- User-friendly menu enables system setting easier.
- Separate iron stand to save room and to make easier deposit.
- Buttons(1,2,3) for pre-setting or switching frequently used temperature.
- Low-voltage heater separated from power supply to keep soldering work safer.

Specification:

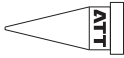
Product pictures			
Item No	ST-60	ST-80	ST-100
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz		
Power	60W	80W	100W
Temperature range	150°C~450°C	150°C~480°C	150°C~480°C
Temperature precision	±15°C	±10°C	±10°C
Temperature Stability	±2°C(in still air,no load)	±2°C(in still air,no load)	±2°C(in still air,no load)
The handle type	SP-60	SP-80	SP-100
Soldering tip type	T900-B	T900-B	T800-0.25I
Heat	High performance dual-core ceramic heater	High quality four-core wire heater	Sliver alloy heater
Package list	Main unit: 1unit Handle set : 1 PCS	Iron stand: 1 PCS AC cord: 1 PCS	Manual: 1 PCS Cleaning sponge: 1 PCS
Standard Packing	Inner box: 31.5x27x15.2(cm) N.W.: 2.09kg G.W.: 2.32kg Carton: 6PCS/Carton Size: 55.5x33x48(cm) N.W.: 14.4kg G.W.: 15.4kg	Inner box: 31.5x27x15.2(cm) N.W.: 2.58kg G.W.: 2.81kg Carton: 6PCS/Carton Size: 55.5x33x48(cm) N.W.: 16.9kg G.W.: 18.0kg	Inner box:31.5x27x15.2(cm) N.W.: 2.68kg G.W.: 2.95kg Carton: 6PCS/Carton Size: 55.5x33x48(cm) N.W.: 17.9kg G.W.: 19.0kg
Applicable	● Institutes ● Hobby	● Enterprises	● Education and practice ● Maintenance

Note: T800 series soldering tip details in page 16.
T900 series soldering tip details in page 24.

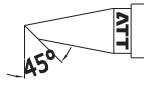
Soldering tips (T800)



T800-0.25I
ACF028944



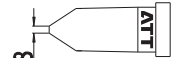
T800-1.2C
ACF028948



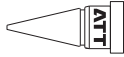
T800-0.8D
ACF028952



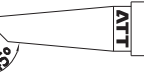
T800-4.6D
ACF028955



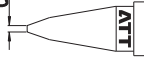
T800-0.5I
ACF028945



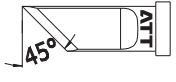
T800-2.4C
ACF028949



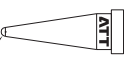
T800-1.6D
ACF028953



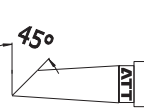
T800-K
ACF028956



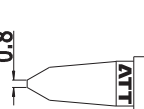
T800-1.0I
ACF028946



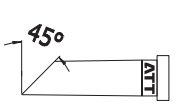
T800-3.2C
ACF028950



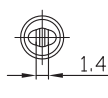
T800-3.2D
ACF028954



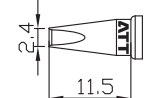
T800-4.6C
ACF028951



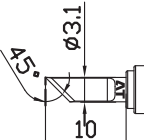
T800-1.4I
ACF028947



T800-2.4D
ACF029745



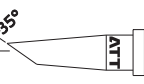
T800-SK
ACF029744



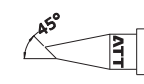
T800-0.25ILF
ACF028957



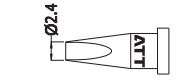
T800-2.4CLF
ACF028960



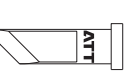
T800-1.2CLF
ACF028958



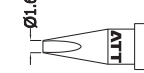
T800-2.4DLF
ACF028959



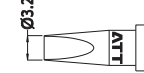
T800-2.0KLF
ACF028963



T800-1.6DLF
ACF028961



T800-3.2DLF
ACF028962



AT-937/AT-937A/AT-989



ESD Safe Constant Temperature Controllable Soldering Station



Features:

- MCU controlled temperature calibration with PID system equipped.
- The heater using low voltage AC source to ensure the antistatic and no leakage, no interference.
- Steady temperature setting with 200 ~ 480 °C.
- Legerity handle suitable for long time operation.
- Unique temperature locks setting to avoid adjusting temperature.



Specification:

Item No	AT-937	AT-937A	AT-989
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz		
Power	50W	65W	65W
Temperature range	200°C~480°C	200°C~480°C	200°C~480°C
Temperature Stability	±2°C(in still air,no load)	±2°C(in still air,no load)	±2°C(in still air,no load)
The handle type	AP-50	AP-65	AP-65A
Soldering tip type	T900-B	T900-B	T900-B
Heat	Four core stainless steel heater	Pluggable Four core stainless steel heater	High quality four-core wire heater
Package list	Main unit: 1unit Handle set : 1 PCS	Iron stand: 1 PCS AC cord: 1 PCS	Manual: 1 PCS Cleaning sponge: 1 PCS
Standard Packing	Inner box: 26.5x23x16(cm) N.W.: 1.6kg G.W.: 1.78kg Carton: 12PCS/Carton Size: 55x48x50.5(cm) N.W.: 19.2kg G.W.: 21.4kg		
Applicable	<ul style="list-style-type: none"> ● Production line ● Education and practice 	<ul style="list-style-type: none"> ● Institutes ● Maintenance 	<ul style="list-style-type: none"> ● Enterprises ● Hobby

Note: T900 series soldering tip details in page 24.

AT938D **ESD SAFE**

ESD Safe Constant Temperature and Adjustable Digital Soldering Station



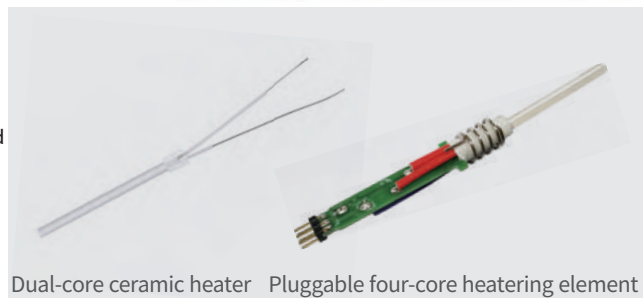
AT980E **ESD SAFE**

ESD Safe Constant Temperature Controllable Digital Soldering Station



Features:

- MCU controlled temperature calibration.
- Buttons(1,2,3) for pre-setting or switching frequently used temperature.
- LCD display screen making control visualization.
- Low-voltage heater separated from power supply to keep soldering work safer.



Dual-core ceramic heater Pluggable four-core heating element

Specification:

Item No	AT-938D	AT-980E
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz	
Power	60W	80W
Temperature range	150°C~450°C	150°C~480°C
Temperature Stability	±2°C(in still air,no load)	±2°C(in still air,no load)
The handle type	AP-60	AP-80
Soldering tip type	T900-B	T900-B
Heat	Dual-core ceramic heater	Pluggable four-core heating element
Package list	Main unit: 1unit Handle set : 1 PCS	Iron stand: 1 PCS AC cord: 1 PCS
		Manual: 1 PCS Cleaning sponge: 1 PCS
Standard Packing	Inner box: 25x21x13.4(cm) N.W.: 1.79kg G.W.: 2.03kg Carton: 12Carton/Carton Size: 51.5x44x43(cm) N.W.: 24.4kg G.W.: 25.6kg	Inner box: 25x21x13.4(cm) N.W.: 1.74kg G.W.: 2.0kg Carton: 12Carton/Carton Size: 51.5x44x43(cm) N.W.: 24.0kg G.W.: 25.1kg
Applicable	<ul style="list-style-type: none"> ● Production line ● Education and practice 	<ul style="list-style-type: none"> ● Institutes ● Maintenance ● Enterprises ● Hobby

Note: T900 series soldering tip details in page 24.

AT852D



Lead-free & ESD Safe Premium Digital Hot Air Station



AT850D



Lead-free & ESD Safe Premium Digital Hot Air Station



Features:

- Closed-loop and MCU zero crossing design for achieving fast heating-up, accurate and stable control.
- High power diaphragm pump with high pressure make it suitable for various nozzles.
- Patented heater for obtaining fast heating-up and extending lifespan.



Spiral heater

Specification:

Item No	AT852D	AT850D
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz	
Power	550W	550W
Temperature range	100°C~480°C	100°C~480°C
Air flow	23L/min	23L/min
The handle type	AP-550B	AP-550B
Pump	Diaphragm pump	High power diaphragm pump
Timing function	No function	20~600s
Noise	<50dB(A)	<50dB(A)
Package list	Main Unit: 1PCS Gun Holder: 1PCS	Hot Air Gun: 1PCS AC Cord: 1PCS Manual: 1PCS Nozzle: 2PCS
Standard packing	Inner box: 33x27.2x19.5(cm) N.W.: 3.8kg G.W.: 4.2kg Carton: 6PCS/Carton Size: 56x35x61.5(cm) N.W.: 22.5kg G.W.: 23.8kg	Inner box: 33x27.2x19.5(cm) N.W.: 3.58kg G.W.: 3.87kg Carton: 6PCS/Carton Size: 56x35x61.5(cm) N.W.: 23.2kg G.W.: 24.3kg
Applicable	<ul style="list-style-type: none"> ● Production line ● Enterprises ● Maintenance 	<ul style="list-style-type: none"> ● Institutes ● Education and practice ● Hobby

Nozzles details in page 23.

AT858D+(V3.0) **ESD SAFE**

Intelligent hot air station

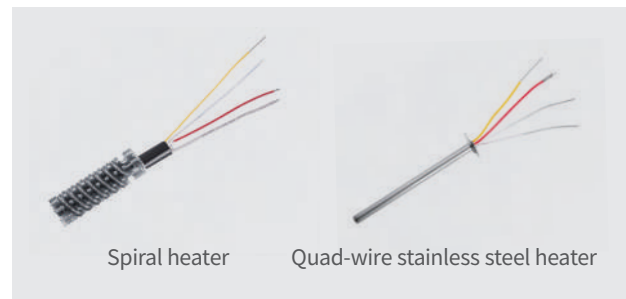
AT8586(V3.0) **ESD SAFE**

Double Channels rework system



Features:

- Closed-loop and MCU zero crossing design for achieving fast heating-up, accurate and stable control.
- Embedded sensor inside iron hand piece to obtain auto-sleep to save energy.
- Intelligence cooling system and deferred power-off function to extend hot air gun lifespan.
- Intelligent malfunction detection and indications.



Spiral heater

Quad-wire stainless steel heater

Specification:

Item No	AT858D+(V3.0)	AT8586(V3.0)	
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz		
Total Power	700W	750W	
Temperature range	100°C~500°C	Soldering station	150°C~480°C
		Hot air station	100°C~500°C
Pump	Fan type pump	Fan type pump	
Air flow	120L/min	120L/min	
The handle type	AP-700B	AP-50、AP-700B	
Soldering tip		T900-B	
Noise	<50dB(A)	<50dB(A)	
Package list	Main Unit: 1PCS Gun Holder: 1PCS	Hot Air Gun: 1PCS AC Cord: 1PCS	Manual: 1PCS Nozzle: 3PCS
		Main Unit: 1PCS Gun Holder: 1PCS Iron Handle Set: 1PCS	Hot Air Gun: 1PCS AC Cord: 1PCS Iron Stand: 1PCS
Standard packing	Inner box: 26x18.5x15.5(cm) N.W.: 1.56kg G.W.: 1.75kg Carton: 12PCS/Carton Size: 55x39.5x49(cm) N.W.: 21kg G.W.: 22.1kg	Inner box: 30x26.5x17(cm) N.W.: 2.73kg G.W.: 3.07kg Carton: 6PCS/Carton Size: 55x31.5x54(cm) N.W.: 18.4kg G.W.: 19.5kg	
Applicable	<ul style="list-style-type: none"> ● Production line ● Education and practice 	<ul style="list-style-type: none"> ● Institutes ● Maintenance 	<ul style="list-style-type: none"> ● Enterprises ● Hobby

Nozzles details in page 23.

AT8502D ESD SAFE

2-in-1 Intelligent Lead-free LCD Digital Rework Station



Spiral heater

Quad-wire stainless steel heater

Specification:

Features:

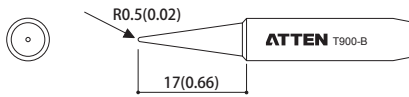
- MCU and PID algorithm controlled temperature be more accurate.
- Digital temperature calibration and switchable temperature units make it versatile.
- Diaphragm pump with high pressure make it suitable for various nozzles.
- Intelligence cooling system and deferred power-off function to extend handpiece lifespan.
- Patented heater for obtaining fast heating-up and extending lifespan.
- Automatic standby function to save more energy.

Item No	AT-8502D	
Voltage	AC(100V/110V/120V 220V/230V/240) 50/60Hz	
Total Power	700W	
Name	Soldering station	Hot air station
Power	50W	550W
Temperature range	200°C~480°C	100°C~500°C
Pump		Diaphragm
Air flow		23L/min
The handle type	AP-50	AP-551B
Soldering tip	T900-B	
Noise		<50dB(A)
Package list	Main Unit: 1PCS Hot Air Gun: 1PCS Manual: 1PCS Iron Handle Set: 1PCS Gun Holder: 1PCS AC Cord: 1PCS Nozzle: 4PCS Iron Stand: 1PCS	
Standard packing	Inner box: 35.4x33x19.4(cm) N.W.: 4.85kg G.W.: 5.31kg Carton: 4PCS/Carton Size: 68x38x42(cm) N.W.: 21.2kg G.W.: 22.3kg	
Applicable	<ul style="list-style-type: none"> ● Thermoplastic soldering ● Education and practice ● On-site soldering for PVC/PE/PP/PVDF etc. ● Maintenance 	

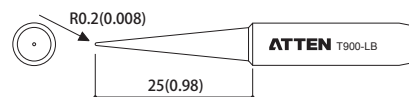
Nozzles details in page 23.

Soldering tips (T900)

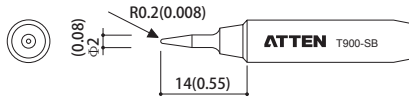
T900-B
ACF028921



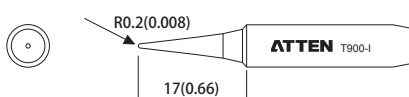
T900-LB
ACF028915



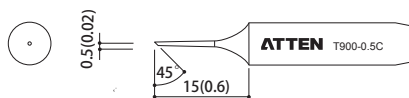
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ACF028920



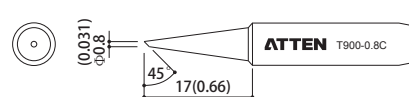
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ACF028919



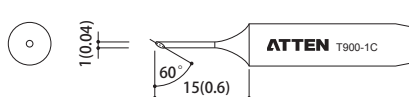
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ACF028916



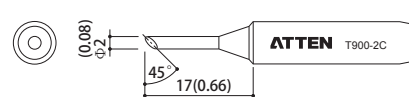
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ACF028917



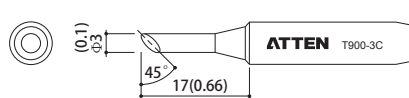
T900-1C
ACF028918



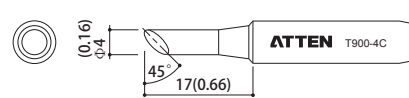
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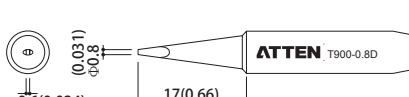
T900-3C
ACF028925



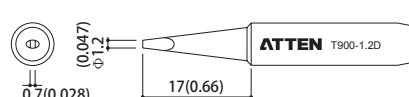
T900-4C
ACF028926



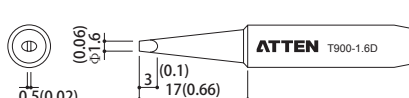
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ACF028910



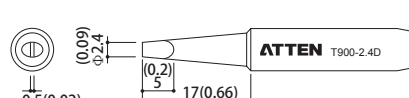
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ACF028911



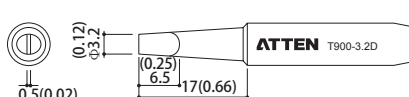
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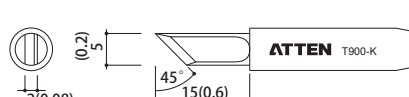
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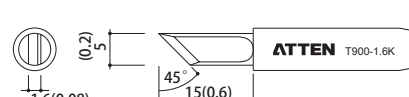
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ACF028914



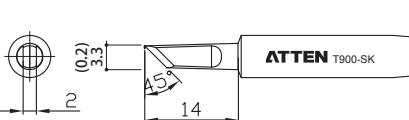
T900-K
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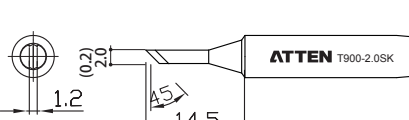
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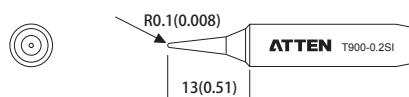
T900-SK
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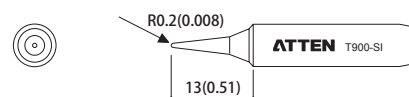
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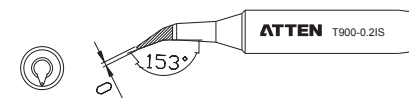
T900-0.2SI
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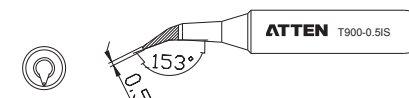
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ACF028923



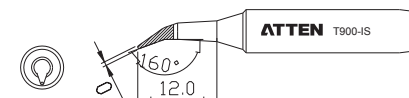
T900-0.2IS
ACF031864



T900-0.5IS
ACF031254



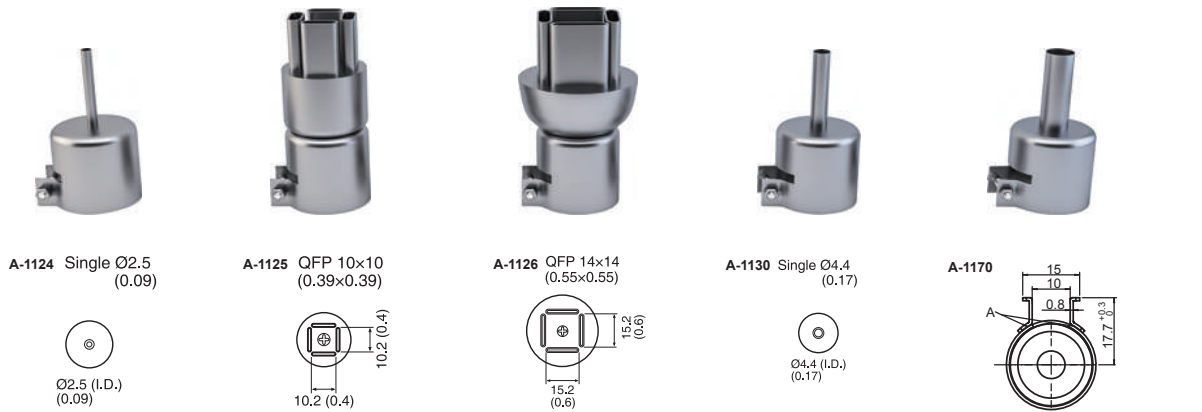
T900-IS
ACF029742



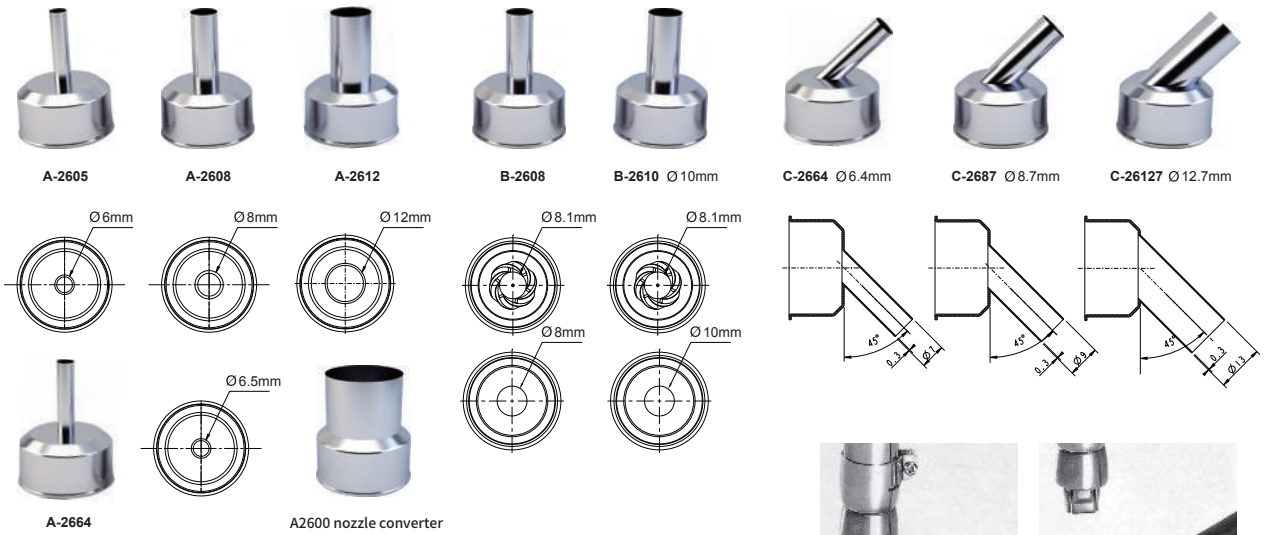
Nozzles (Applicable models: AT8586 AT858D+ ST-8800D ST-8802)



Nozzles (Applicable models: AT850D AT852D AT8502D)



Nozzles (Applicable models: ST-862D)

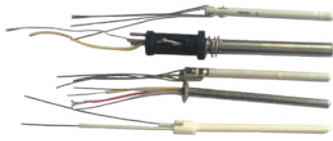


Suitable for all 850 series nozzles



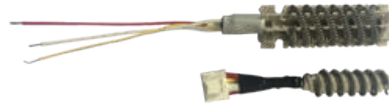
Heating element

Iron core heating



APPLICABLE MODELS	NUMBER	
	110V/120V	220V/230V/240V
ST-60	ACF028425	ACF028425
ST-80	ACF028421	ACF028421
ST-100	ACF028422	ACF028422
AT938D	ACF028426	ACF028426
AT980D	ACF028421	ACF028421
AT90DH	ACF028422	ACF028422
SA-50	ACF028423	ACF028498
AT8586	ACF028424	ACF028424
AT8502D	ACF028500	ACF028500

Hot air gun heating core



APPLICABLE MODELS	NUMBER	
	110V/120V	220V/230V/240V
AT858D+	ACF028431	ACF028430
AT8586	ACF028431	ACF028430
AT850D	ACF028432	ACF028434
AT852D	ACF028432	ACF028434
AT8502D	ACF028432	ACF028434

Handle

Soldering iron



APPLICABLE MODELS	NUMBER	
	110V/120V	220V/230V/240V
ST-60	ACF028451	ACF028451
ST-80	ACF028452	ACF028452
ST-100	ACF028453	ACF028453
AT938D	ACF028454	ACF028454
AT980D	ACF028455	ACF028455
AT90DH	ACF028456	ACF028456
AT8502D	ACF028457	ACF028457
AT8586	ACF028458	ACF028458

Hot air handle



APPLICABLE MODELS	NUMBER	
	110V/120V	220V/230V/240V
AT858D+	ACF028442	ACF028553
AT8586	ACF028442	ACF028553
AT858D+ (V3.0)	ACF028443	ACF028554
AT8586(V3.0)	ACF028443	ACF028554
AT850D(V2.0)	ACF028444	ACF028555
AT852D(V2.0)	ACF028444	ACF028555
AT8502D	ACF028445	ACF028556

GT-2010

USB Soldering Iron



Package list	Standard Packing:
USB Soldering iron : 1 Unit	Inner box: 31x15x9(cm)
Soldering iron stand: 1 PCS	N.W.: 0.56kg
Manual: 1PCS	G.W.: 0.6kg
Certificate of quality: 1PCS	Carton: 18pcs/carton
	Size: 46.5x32.5x54.5(cm)
	N.W.: 10kg
	G.W.: 10.8kg

Features:

- Especially suitable for precision welding.
- USB standard interface of power bank or adapter supply it with electricity.
- Portable design. Can be carried after handle cap inserted if it's hot.
- Contact temperature-sensed design, make its temperature sensor more sensitive and temperature more accurate.
- Smart recognition of working or non-working status.
- Multiple soldering tips for option.

Specification:

Voltage:	5V DC
Current:	2A
Power:	10W
Temperature range:	150 C ~ 450 C
Temperature stability:	±2 C (in still air, no load)
Heater:	10W integrated heater
Temperature offset range:	±50°C/±90°F
Auto-sleep mode:	Support
Soldering tip:	T10-0.5I (page 25)

SA-50

High Accuracy Constant Temperature Controllable Soldering Iron



Easy iron holder

Package list	Standard Packing:
Soldering Iron : 1 Unit	Inner box: 32x6x5(cm)
Iron holder: 1 PCS	N.W.: 0.27kg
Manual: 1 PCS	G.W.: 0.35kg
	Carton: 30pcs/Carton
	Size: 32.7x31.7x33.3(cm)
	N.W.: 8.1kg
	G.W.: 9kg

Features:

- Temperature up to 500 C making it versatile.
- Temperature calibration by knob control.
- High efficiency of heating to reduce energy consumption.
- Heat and fire resistant material handle set with light, slender and ergonomic design.
- Soldering tip designed separate from heater and using exchangeable T900 series to save use-cost. (Page 20)
- Grounded 3 core power cord and ESD safe design to minimize damage to user and sensitive electronic components.

Specification:

Voltage:	AC (100V/110V/120V 220V/230V/240V) 50/60Hz(Optional)
Power:	50W
Temperature range:	200-500°C/392-932°F
Temperature stability:	±2°C(in still air, no load)
Heater:	Four-core PTC ceramic heater
Tip-to-ground impedance:	<0.1 ΩΩ
Tip-to-ground voltage:	<2mV
Setting manner:	Knob control
Soldering tip:	T900-B (page 20)

ST Series Soldering Iron








Features:

- Automatic sleep after 10 minutes inactivity.
- Automatic shut down after 20 minutes inactivity.
- Build in PID system.
- Shortcut temperatures adjust by button.
- LCD / LED display design.
- ESD safe
- Soldering tip designed separate from heater and using exchangeable T2080, T2150, T900 series to save use-cost.



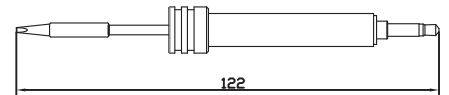
Optional soldering iron stand S-11

Specification:

Pictures					
Item No	ST-2065D	ST-2080	ST-2080D	ST-2150	ST-2150D
Power	65W	80W	80W	150W	150W
Temperature range	250°C~480°C	5set adjustment	250°C~480°C	5set adjustment	250°C~480°C
Temperature accuracy	-10°C/+15°C	-10°C/+15°C	-10°C/+15°C	-10°C/+15°C	-10°C/+15°C
Temperature stability	±2°C	±2°C	±2°C	±2°C	±2°C
Heater	Four-core PTC heater	Four-core PTC heater	Four-core PTC heater	Four-core PTC heater	Four-core PTC heater
Heating indication	Blue LED	Blue LED	Blue LED	Blue LED	Blue LED
Temperature unit	°C/°F	°C	°C/°F	°C	°C/°F
Display method	LCD	LED	LCD	LED	LCD
Soldering tip	T900-B	T2080-B	T2080-B	T2150-B	T2150-B
Package list	Soldering Iron: 1 Unit Iron holder: 1 PCS Manual: 1 PCS				
Standard Pcking	Inner box: Slide blister 10.1x34.5(cm) N.W.: 0.24kg G.W.: 0.25kg		Carton:24pcs/carton Size:39x36x37(cm) N.W.: 6kg G.W.: 6.9kg		

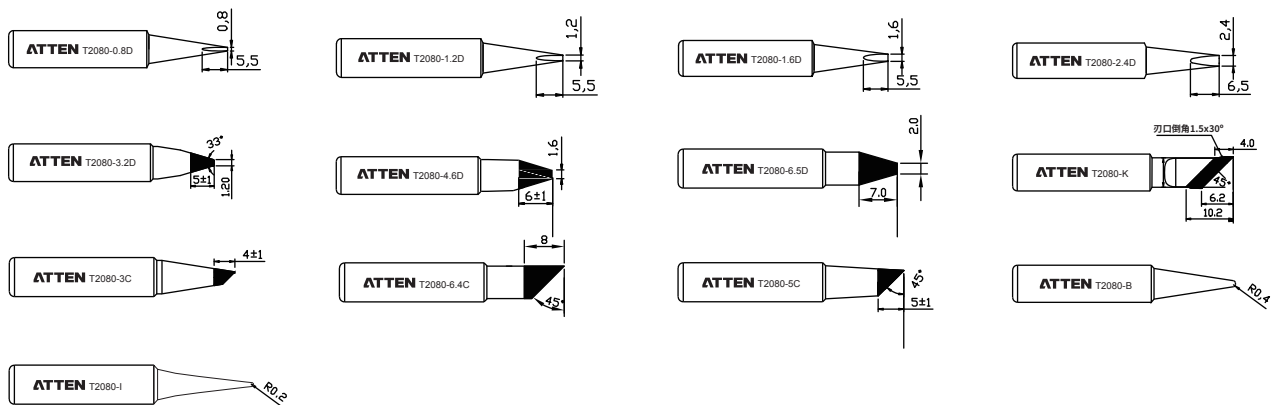
Note: T2080, T2150 series soldering tip details in page 26; T900 series soldering tip details in page 21.

Integrated heater (10W)

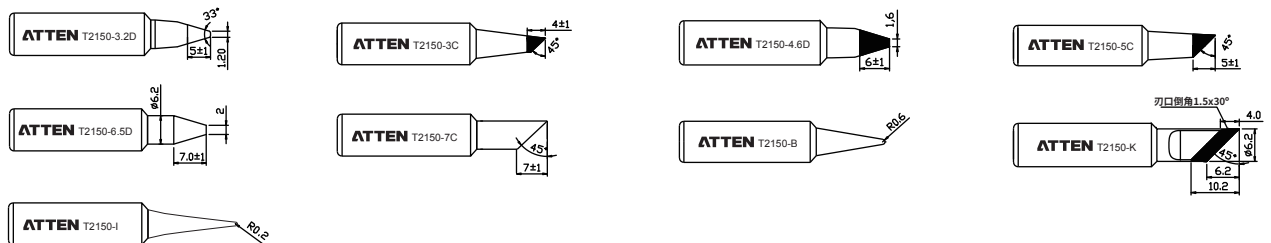


<p>T10-1.3D ACF030015</p>	<p>T10-1.2C ACF030014</p>	<p>T10-2.2D ACF030016</p>	<p>T10-3.0D ACF030017</p>	<p>T10-0.5I ACF030018</p>	<p>T10-K ACF030019</p>
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Soldering tips (T2080)



Soldering tips (T2150)





S-11




















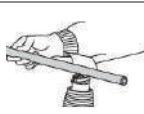







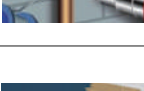
- All-metal construction.
- Portable solder stand which helps.
- Work more convenience.
- The tilt angle is adjustable.

Heat Gun

AT-A2031 AT-A2190 AT-A2231 AT-A2233

Product pictures				
Item	AT-A2190	AT-A2031	AT-A2231	AT-A2233
Power	2000W	2000W	2000W	2000W
Power supply voltage	220V~240V	220V~240V	220V~240V	120V,220V~240V
Gear	I :450℃、300L/min II :600℃、500L/min	I :50℃-600℃、250L/min I :50℃-600℃、500L/min	I : 50℃ 、250L/min II : 50- 450℃、250L/min III : 50- 600℃、500L/min	I : 50℃ 、250-500L/min II : 50℃-650℃、250-500L/min
Features	Two temperature switch 	LED display, 5 gear temp selection 	three temperature switch 	LCD display, Adjustable air, Adjustable temp

Heat Gun Nozzles

Description	Picture	Accessory application	Application
Reflector nozzle A		Directs the hot air to one side, such as heating to bend the plastic tube, the hook can ensure the hot air surround the tube, increase the heating area of the tube, accelerate the softening of the tube, improve work efficiency, and also shrink the heat shrinkable tube.	
Glass protector nozzle A		Directs the hot air to one side to avoid the influence of hot air on the other side. For example, when removing the glass glue on the window, it can protect the glass.	
Fish tail surface nozzle A		Directs a long narrow heat pattern to the work piece, it's ideal for removing paint or varnish from large flat surfaces, such as heating and soften the old paint on the table or door, then the paint on the surface can be scraped off with a scraper. Another example is that it can also be used when using heat shrinkable film.	
Concentration nozzle A		Concentrated hot air into a circular shape, can be used in some corner heating.	
Scraper AC		Use with nozzle, to assist in the use of workings such as scraping paint, scraping glass glue, etc. that cannot be handled directly by hand.	
Reflector nozzle C		Guide the hot air to one side, such as heating to bend the plastic tube, the hook can ensure the hot air surround the tube, increase the heating area of the tube, accelerate the softening of the tube, improve work efficiency, and also shrink the heat shrinkable tube.	
Glass protector nozzle C		Guide the hot air to one side to avoid the influence of hot air on the other side. For example, when removing the glass glue on the window, it can protect the glass.	
Fish tail surface nozzle C		Directs a long narrow heat pattern to the work piece, it's ideal for removing paint or varnish from large flat surfaces, such as heating and soften the old paint on the table or door, then the paint on the surface can be scraped off with a scraper. Another example is that it can also be used when using heat shrinkable film.	
Concentration nozzle C		Concentrated hot air into a circular shape, can be used in some corner heating.	
Reflector nozzle B		Guide the hot air to one side, such as heating to bend the plastic tube, the hook can ensure the hot air surround the tube, increase the heating area of the tube, accelerate the softening of the tube, improve work efficiency, and also shrink the heat shrinkable tube.	
Glass protector nozzle B		Guide the hot air to one side to avoid the influence of hot air on the other side. For example, when removing the glass glue on the window, it can protect the glass.	
Fish tail surface nozzle B		Directs a long narrow heat pattern to the work piece, it's ideal for removing paint or varnish from large flat surfaces, such as heating and soften the old paint on the table or door, then the paint on the surface can be scraped off with a scraper. Another example is that it can also be used when using heat shrinkable film.	
Concentration nozzle B		Concentrated hot air into a circular shape, can be used in some corner heating.	
Scraper B		Use with nozzle, to assist in the use of workings such as scraping paint, scraping glass glue, etc. that cannot be handled directly by hand.	



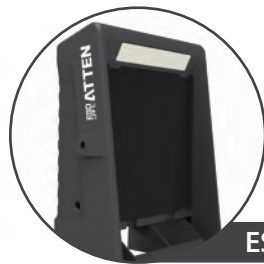
FT-90A

- Made up of steel base, movable mechanical arm, fixed frame and magnifying glass, adjust proper height.
- The components can be adjusted in any direction.
- Use for observation / repair / circuit board (especially high-density, precision circuit board) welding of small objects as an extensive maintenance tool.

Magnification times: 3x
 Diameter of glass: about 9cm
 Type: Multi-direction
 Weight: 516g



Solder Smoke Absorber



ESD safe

ST-1016/ST-1016-CP

- Desktop-type with vertical and horizontal dual-use.
- Remove soldering smoke and fumes quickly and safely.
- Highly activated carbon material with strong absorb function.
- LED lighting function.

Test Data

Test Item	Test Data
Air volume (vertical) m ³ /min	1.03
Air Volume (horizontal) m ³ /min	0.4
Air flow (vertical) m/s	1.0
Air flow (horizontal) m/s	2.6
Maximum suction capacity m ³ /min	1.03



Hot Melting Glue Gun

The glue gun is intended for the quick gluing of clean, dry and grease-free materials with glue.

Product pictures				
Model number	JQ-040	JQ-040S	JQ-080	JQ-100
Voltage	110V~240V			
Power	40W	30-40W	80W	100W
Low temperature		105°C		
High temperature	165°C	165°C	185°C	195°C
Glue stick	0/II	0/II	0/II	0/II
Protection class	7mm	7mm	11mm	11mm

USB Li-ion glue gun JQ-008



Full charge lasts 60 minutes



- Power: 8W
- Battery voltage range: 3V~4.7V
- Battery Volume: 3.7V,2200mah
- High temperature: 165 C
- Glue stick: 7mm

Glue stick



φ 11mm

φ 7mm

Product pictures		
Model number	JQ-050	JQ-100A
Voltage	110V~240V	
Power	50W	100W
High temperature	180°C	200°C
Protection class	7mm	11mm

JQ-010



Full charge lasts 60 minutes

- Power: 8-10W
- High temperature: 180 C
- Glue stick: 7mm



CS-05S/CS-05B

For cleaning soldering tips.

The soldering tip is cleaned by wiping or turning it in the metal wool. subsequently, a fine solder layer will remain which prevents fast oxidation of the soldering tip, and represents a considerable advantage compared to standard sponge cleaning.

Caution

keep the product away from children.

Only use the metal wool to clean soldering tips.

Remove the soldering tip from the metal wool directly after cleaning.



CS-08B

- Special for lean soldering tip and recycling tin residue
Anti-static / high temperature resistance.
- Pour out the tin block easily.
- Improving the problem of throwing tin while soldering, dirty and messy working environment, convenient to mass collect and take out after collecting, etc.

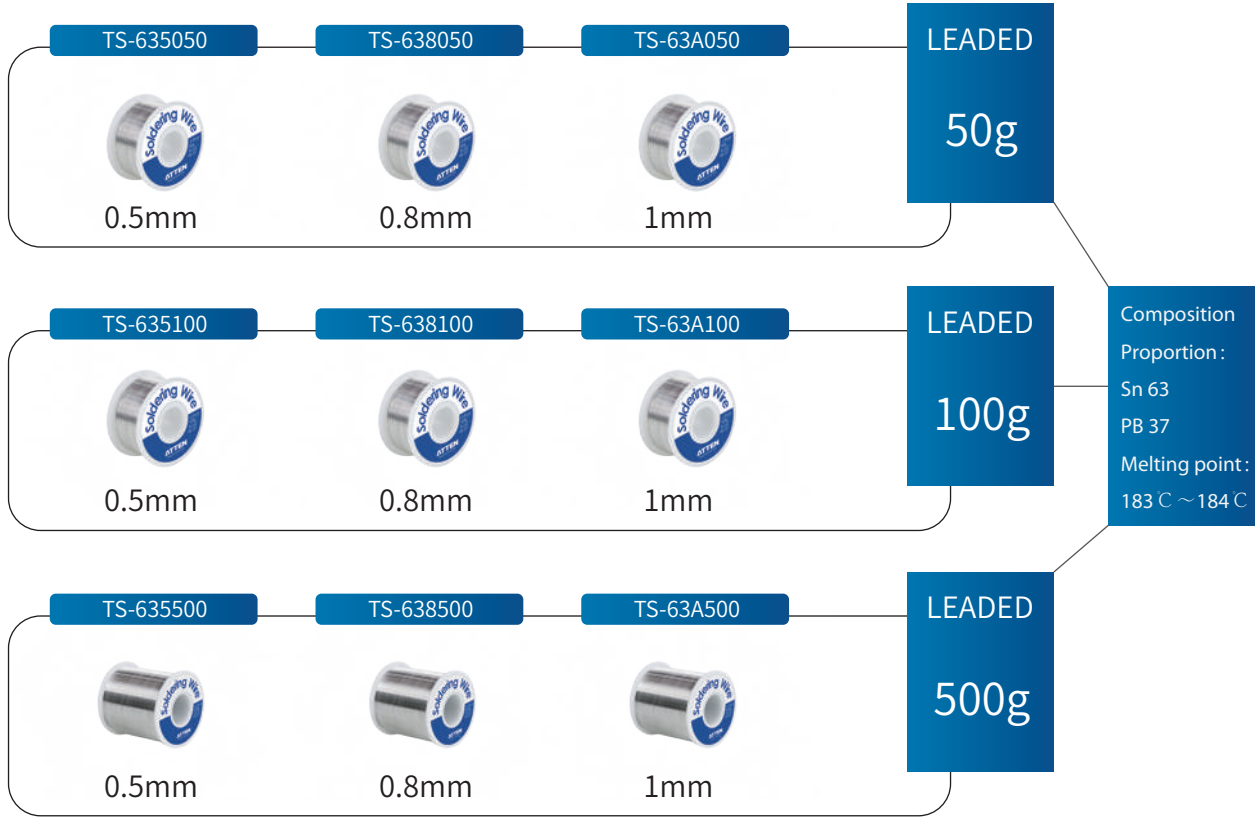
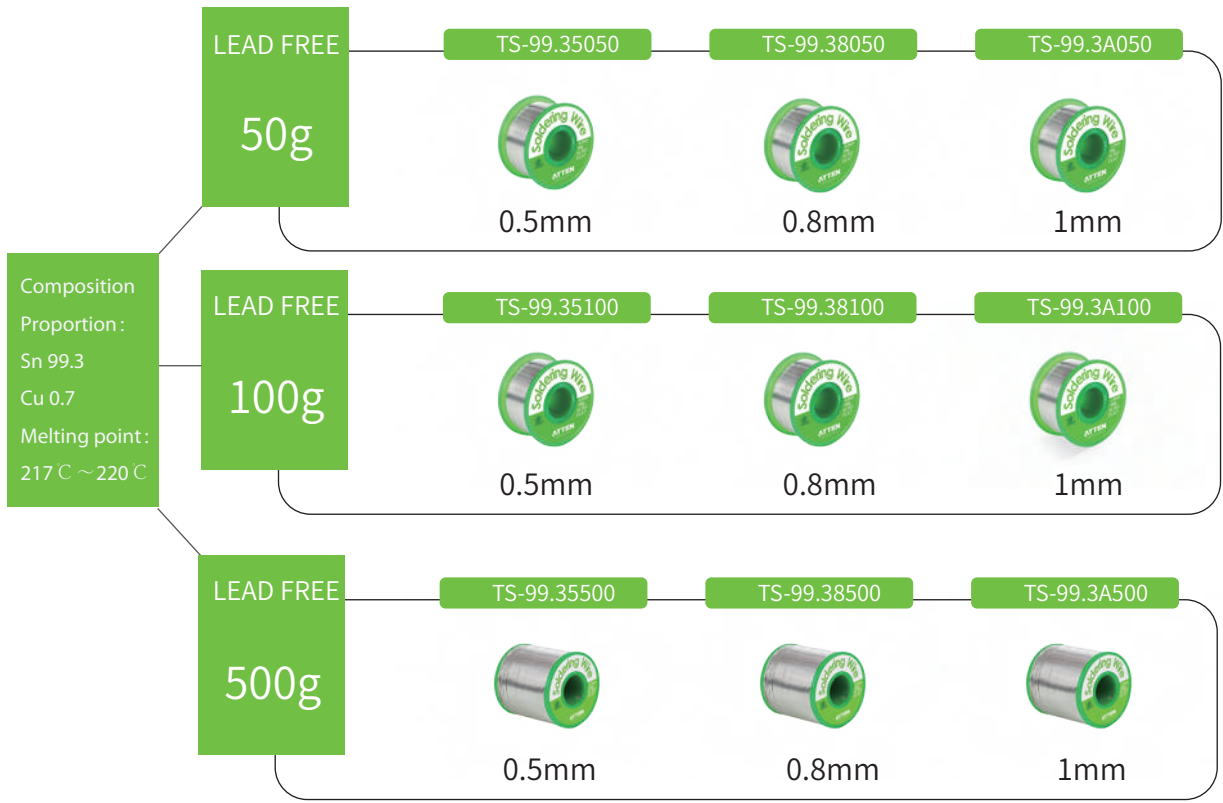


TR-045

- Remove oxidation film.
- Prevent oxidation.
- Reduce surface tension.

Weight: 45g

Soldering Wire



Including rosin





TJ-227

- Metal sheet base.
- The shaft can support 1kg soldering.
- The Shaft easy to take off.
- Move flexible.

TJ-228

- All-metal construction.
- Simple design.
- Soldering wire holder and sponge plate 3 in 1.
- Save space, use easily.



Product pictures				
Item	LT-360B	LT-350B	LT-380B	LT-310B
Power	150W	200W	250W	300W
Voltage	220V~240V	220V~240V	220V~240V	220V~240V
Temperature range	50~520°C	50~520°C	50~480°C	50~480°C
Solder capacity	0.3KG	0.5KG	1.6KG	2.2KG
Crucible Size	φ 36mm	φ 50mm	φ 80mm	φ 100mm
Melting time	10min	10min	20min	20min

Soldering Wick

AT-0815

WIDTH
0.8mm
LENGTH
1.5m



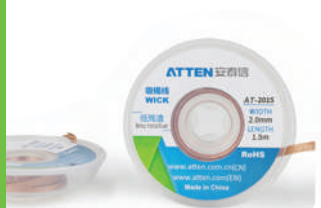
AT-1515

WIDTH
1.5mm
LENGTH
1.5m



AT-2015

WIDTH
2.0mm
LENGTH
1.5m



AT-2515

WIDTH
2.5mm
LENGTH
1.5m



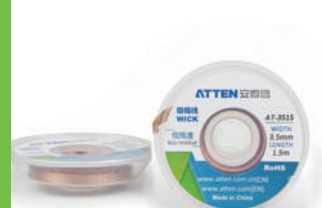
AT-0820

WIDTH
0.8mm
LENGTH
2m



AT-3515

WIDTH
3.5mm
LENGTH
1.5m



AT-1520

WIDTH
1.5mm
LENGTH
2m



AT-2020

WIDTH
2.0mm
LENGTH
2m



AT-2520

WIDTH
2.5mm
LENGTH
2m



AT-3520

WIDTH
3.5mm
LENGTH
2m



Including soldering flux

DESOLDERING TOOL

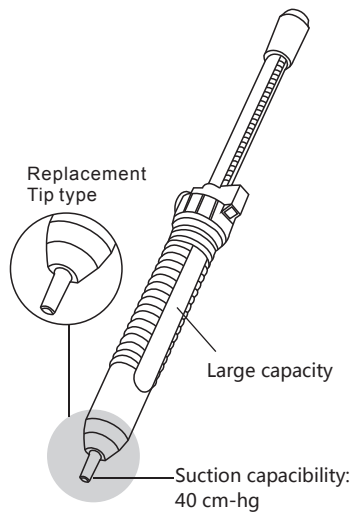
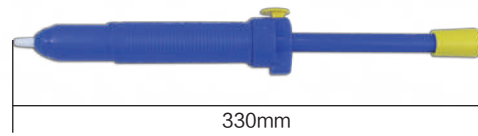
AT-E330A AT-E330P AT-E210D

ESD safe

AT-E330A



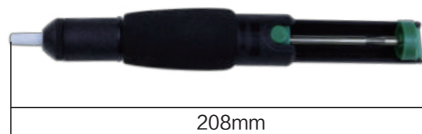
AT-E330P



The Desoldering Pump come with high vacuum force especially made for clearing circuit boards in rework jobs and field repair.

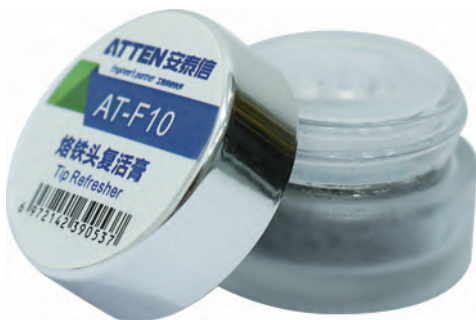
- Piston with double oil seals: no air leakage guarantee.
- Soft handle delivers comfortable grip and non-slip function.
- Compact size.
- Anti-rust spring.
- Built-in tip for easy replacement.
- Quick and easy solder residue clearance.

AT-E210D



Tip Refresher

AT-F10



AT-F10

- Remove oxidizing material from soldering tip and tin the tip again.
- Do not contain diammonium phosphate, no damage to circuit board.
- Environmental protection, no hazardous substance.
- It's reusable.

Solder Paste

AT-H20 AT-H40 AT-H60

AT-H20



Model	AT-H20	Dimensions	φ29x34x101mm
G.W	20g	N.W	10g
Color	Light yellow solid	Certification	ROHS

AT-H40



Model	AT-H40	Dimensions	φ59x27mm
G.W	40g	N.W	36g
Color	Light yellow solid	Certification	ROHS

AT-H60



Model	AT-H60	Dimensions	φ72x28mm
G.W	60g	N.W	56g
Color	Light yellow solid	Certification	ROHS

Vacuum pick-up tool

AT-B778



AT-B778

Item	Size	Pcs	Other
Suction disc S-1	φ3mm	2	
Suction disc S-2	φ7mm	2	
Suction disc S-3	φ10mm	2	
Suction nozzle Y-1	/	1	Straight
Suction nozzle Y-2	/	1	Bent

Wrist Strap

AT-FJ1

AT-FJ2

AT-FJ1



AT-FJ2



- Strong anti-static . The wrist strap can dissipate the static electricity of the human body
- High safety performance. The wrist strap is made of thermoplastic material with light, Thin and soft, it is safe to contact with human skin and easy to use.
- Strong resistance. the impedance of the wrist strap can reach $10^4 \Omega$

Tweezers

AT-110

AT-111

AT-113

AT-114

AT-115



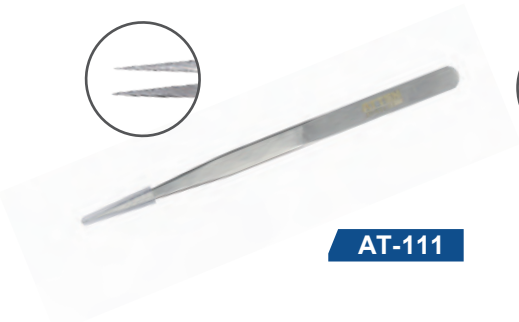
AT-110



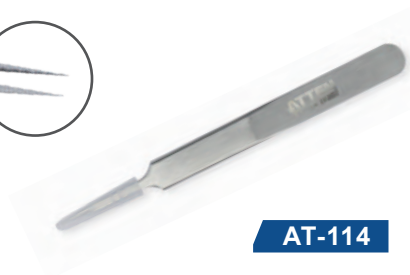
AT-113



AT-115



AT-111



AT-114



Package

Wrist Strap On-line Monitor



AT-518-1

Output: 6V DC

Size: 62x45x29(mm)

Weight: 41g(excluding power adapter)

Input: AC 220V

Material: ABS

Consumption: 1.8W



AT-518-2

Output: 6V DC

Size: 103x56x29(mm)

Weight: 74g(excluding power adapter)

Input: AC 220V

Material: ABS

Consumption: 1.8W



- When the grounding system of the human body wrist strap is working and operating normally:there is no voice and LED green light on.
- When the grounding system of the human body wrist strap is broken down: there is alarm voice and LED red light flashing.



ISO9001:2015



Engineer's partner

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