

Soldering / Rework Tools

We have many kinds of SMD rework station to satisfy the market demand, these are: lead-free soldering station series, anti-static temp-control constant temp soldering station series, rework station series, hot air gun series and so on, and we are one of the earliest manufacturers who produce constant temp soldering station in China.

We focus on :

The durability and applicability of the products. We yearn for the constant temp, small temperature error and temperature back quickly of the products.

- Small volume, light weight, temp-control accurately.
- The air flow can be adjustable, and air blowing is big and gentle. Soldering and de-soldering the most of the SMD component, such as SOIC, CHIP, QFP, PLCC, BAG and so on.
- Blowing plastic components such as buzzer and external interface of mobile phone won't be deformed.
- Blowing shielding box will not make it discolor.
- Blowing PCB will not make it blister

Advanced Soldering Station

AT60D / AT80D / AT100D

Specifications

- Input voltage: AC 120V \pm 10% 60Hz
- Expend power: Max. 85W
- Output voltage: 24V AC
- Output power: 60W
- emperature range: 150~450°C
- Temperature warp: \pm 15°C
- Display: LCD(blue screen and white words)
- Dimension: 167*160*113
- Weight: 2.5Kg
- Length of the handle cord: 100cm
- Soldering tip: AT-900M

AT60D: 60W

AT80D: 80W

AT100D: 100W



NEW

Advanced Soldering Station

AT306DH

- High-frequency heating, digital clarity, visual temperature display and convenience.
- Pre-independence temperature probe, temperature sensitive, back to the temperature rapidly.
- For Heavy-duty operations.



NEW

Product characteristics

- Use high quality electromagnetic heating element, high-frequency eddy current heating, for rapid warming. From room temperature to 350°C just only 20 seconds.
- Temperature sensitive, back to the temperature rapidly.
- Split design of heating element and soldering iron, Soldering tip is compatible international brand, cost-saving and easy to replace.
- Precise temperature control, stability, LED display to enhance visual.
- Intelligent temperature card management, to prevent change by poerator accidental temp.
- The digital temperature calibration, accurate calibration.
- Automatic sleep function to save energy, 20 minutes of non operation, automatically enter sleep function. Upon wake up operation, soldering iron to backs up to the preset temperature rapidly.
- Self-fault detection, easy to maintain.
- Anti-static design.

Advanced Soldering Station

AT306H

- Temperature sensitive, high-frequency heating, Automatic sleep function,back to the temperature rapidly upon wake up.
- Mechanical temperature lock to facilitate the management of production line.
- For Heavy-duty operations.



Product characteristics

- Use of the electromagnetic heating element, high-frequency eddy current heating, warming rapidly, from room temperature to 350℃ just only 20 seconds, Temperature sensitive, back to the temperature rapidly.
- Split design of heating element and soldering iron, Soldering tip is compatible international brand, cost -saving and easy to replace.
- Aluminum alloy shell design, steady-going and stable.
- Using mechanical temperature lock to facilitate the practical.
- Anti-static design.
- Input Voltage: 220VAC $\pm 10\%$ 50Hz
- Output voltage: 36VAC 400KHz
- Temperature Control: 150℃ ~450℃
- Temperature stability: $\pm 5^{\circ}\text{C}$ (no wind,no load)
- Temperature lock method: Mechanical
- Case Material: Aluminum
- Dimension: 152 X 160 X 106 mm (L x w x h)
- Heating element : High-frequency eddy current
- Leak resistance of soldering tip: $<2\ \Omega$
- Leak voltage of soldering tip: $<2\text{mv}$

Advanced Soldering Station

AT969D

- Self fault delection
- Temperature sensitive, back to the temperature rapidly.
- Intelligent, Precise digital temperature control and stability.



Product characteristics

- Stainless steel heating element, temperature probe and soldering tip in close contact. temperature sensitive, back to the temperature rapidly, extending the life of heating element.
- Split design of heating element and soldering iron, Soldering tip is compatible international brand, cost -saving and easy to replace.
- LED digital control, precise temperature control for stability.
- The knob adjustment of input data, visual display, fast and easy to use.
- Intelligent temperature card management, to prevent accidental temperature change by operator.
- The digital temperature calibrations, accurate calibration.
- Automatic sleep function to save energy,20 minutes of non operation, automatically enter sleep function. after 40minutes, automatically cut off power supply. Upon wake up operation, soldering iron to backs up to the preset temperature rapidly.
- Self-fault detection. The LED display screen will show "--",when the heating element is damaged.

Advanced Soldering Station

AT969A

- Low cost ,High performance
- Temperature sensitive, back to the temperature rapidly.
- Especially suitable for SMD mount components by hand, rework and the general components of the welding line.



NEW

Product characteristics

- Stainless steel heating element, compare with the traditional ceramic heating element,extending the life of heating element. temperature probe and soldering tip in close contact. Temperature sensitive, back to the temperature rapidly.
- Split design of heating element and soldering iron, soldering tip and the same as international brand.Compare with Integration heating element, the use of cost-saving, easy to replace.
- 27V low-voltage output and stable impedance grounding, to the absolute protection of sensitive components and the safety of the user.
- Light-weight handle design, suitable for use for a long time.
- Especially suitable for SMD mount components by hand, rework and the general components of the welding line. As well as various other requirements of the welding process.

Advanced Soldering Station

AT201D / AT204D



AT201D Soldering Station

- Input Voltage: 110/200V
- Input Frequency: 50/60Hz
- Output Voltage: 26VAC
- Temperature Range: 150-450°C
- Temperature stability: $\pm 5^{\circ}\text{C}$
- Power Consumption: 60W
- Resistance between Nozzle and Ground: $< 2\ \Omega$
- Potential between Nozzle and Ground: $< 5\text{mV}$

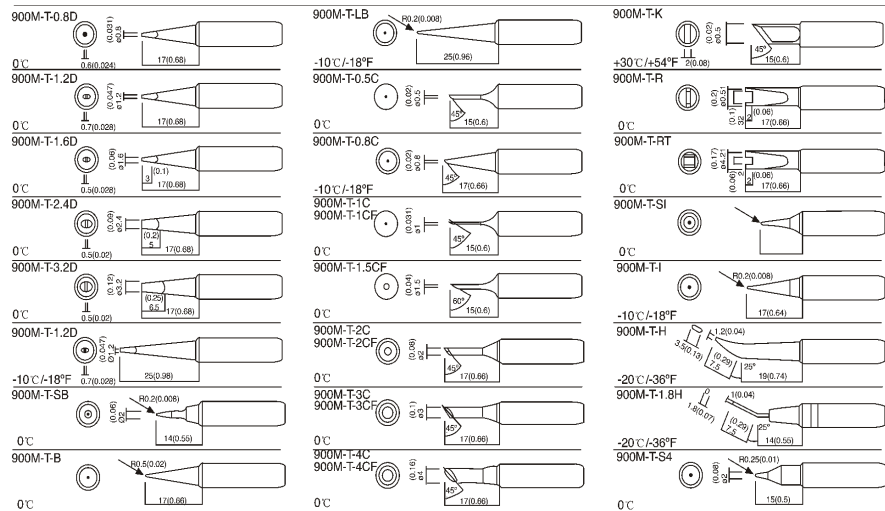


AT204D Soldering Station

- Input Voltage: 110/200V
- Input Frequency: 50/60Hz
- Output Voltage: 26VAC
- Temperature Range: 150-450°C
- Temperature stability: $\pm 5^{\circ}\text{C}$
- Power Consumption: 80W
- Resistance between Nozzle and Ground: $< 2\ \Omega$
- Potential between Nozzle and Ground: $< 5\text{mV}$

936 Iron Tip series

900M series (Interchangeable soldering Tips)



900M Tip outside diameter is 6.5

Hot Air Rework Station

AT860D

- Use 800W high power heating element
- High flux pump, power efficient
- Dual windows digital display wing flux
- Key operation, The elegant appearance streamlined form handle, near hand pressed key design, the use is more flexible facilitates



NEW

Product characteristics

- Double window LED display of the temperature, wing flux and parameter setup
- Display temperature value may be familiar with according to the user in the degree Celsius transforms willfully with the degree fahrenheit
- Card-type device management in order to avoid the operator change the setting parameters accidentally
- Automatic dormancy function to ensure that equipment reduce energy consumption, extend the life of heating element
- Automatic power off feature to protect the equipment cooling
- Malfunction alert function
- The air outlet uses the brand-new tornado type design which maintains the stable hot-air temperature is stable
- The brand-new streamline form handle design, for more convenient & comfortable feel

Hot Air Rework Station

AT850D / AT850B / AT8502 / AT8305



AT850D Hot Air Rework Station

- Input Voltage: 110/220V
- Power consumption: 280W
- Air Pump: membrane type
- Air Output: 23L/min (The max.)
- Display temperature: 100~480℃
- Dimension: 245(L) × 187(W) × 135(H)mm
- Weight: 4.5kg



AT850B Hot Air Rework Station

- Input Voltage: 110/220V
- Power consumption: 280W
- Air Pump: membrane type
- Air Output: 23L/min (The max.)
- Temperature: 100~480℃
- Dimension: 224(L) × 126(W) × 110(H)mm
- Weight: 4.5kg



AT8502 Hot Air Rework Station

- Input voltage: 110/220V
- Power consumption: 360W(Instantaneous)
- Air Pump: membrane type
- Air Output: 23L/min (The max.)
- Temperature range of the nozzle: 100~480℃
- Temperature range of the iron tip: 200~480℃
- The leakage voltage of the iron tip: <5mV
- The standard iron tip: AT-900M
- Dimension: 245(L) × 187(W) × 135(H)mm



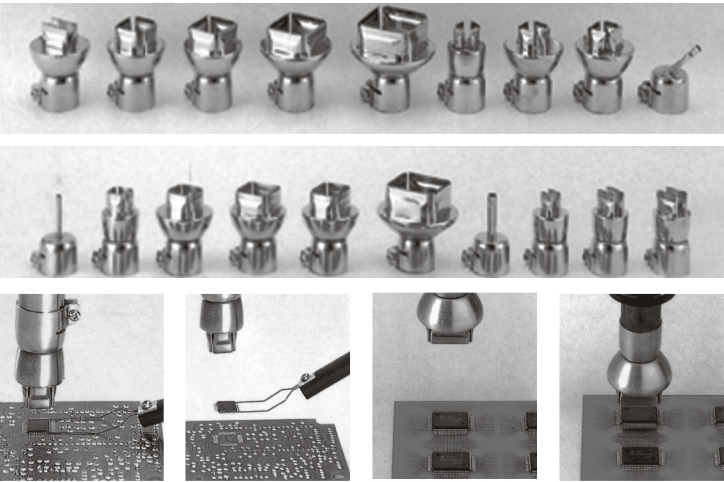
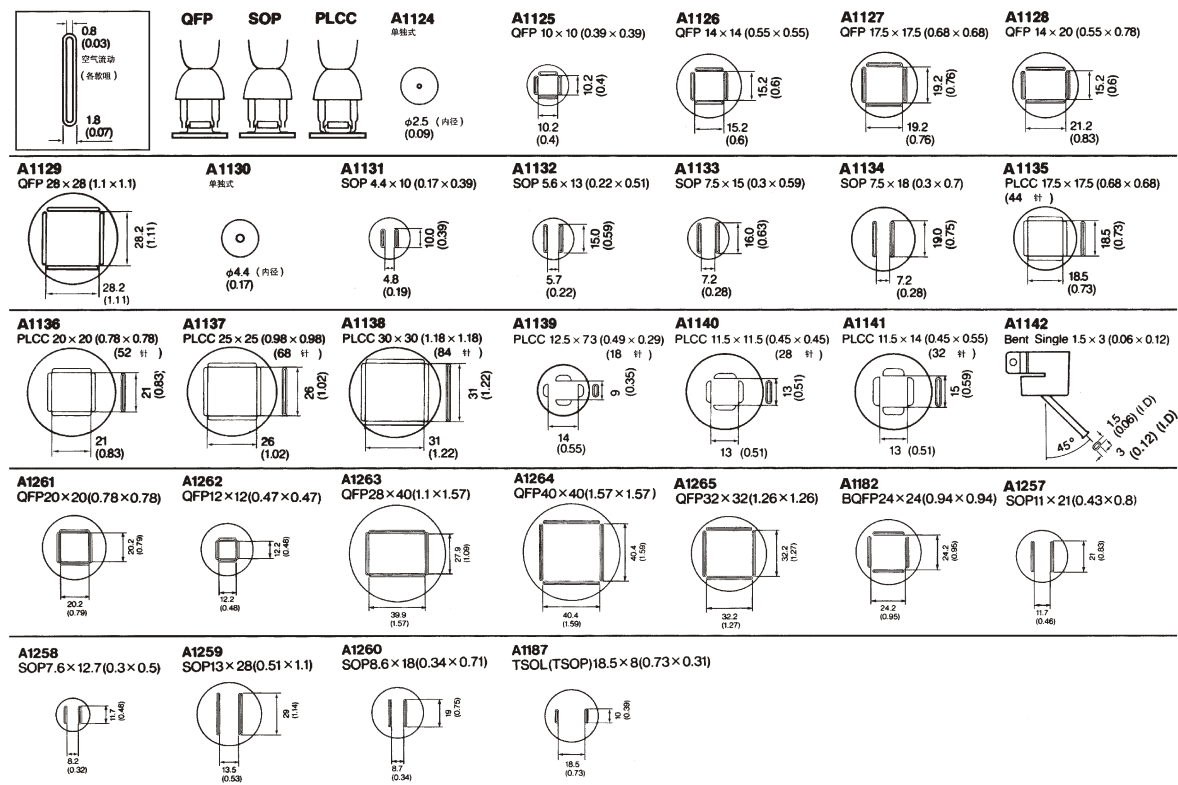
AT8305 Hot Air Rework Station

- Input Voltage: 110/220V
- Power consumption: 1200W
- Fan: Soft rotative blow
- Air Output: 400L/min (The max.)
- Display temperature: 100~550℃
- Dimension: 206(L) × 187(W) × 135(H)mm
- Weight: 3.5kg

850 Nozzle Series

Specifications and the size of the nozzles(denote dimensions of flat IC)

Nozzles(mm)



RF Microwave Components

High Power Coaxial Fixed Attenuator used in quantitatively absorbing energy in transmission line, expanding power range, controlling power level, also accurately measuring power or spectrum of RF microwave transmitters accompany with small power meter, comprehensive tester or spectrum analyzer.

ATS Series High Power Coaxial Attenuator has such features: wide operating frequency band, low SWR, flat attenuation value, excellent ability in anti-pulse and anti-burnout.

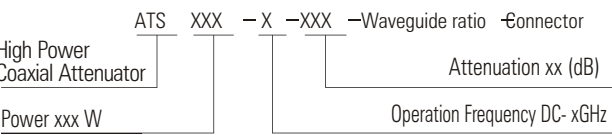
* We can design the connector and the shape according to your requirements.

* SWR vary according to frequency.

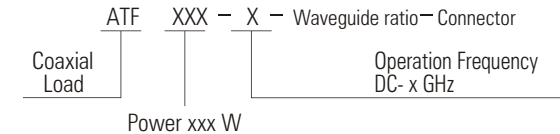
Note: Nominal Impedance of above products are 50 Ω .

How to order

Attenuator:



Load:



ATS Series High Power Coaxial Attenuator Reference Guide

Model	Average Power(W)	Peak Power(KW)	Freq Range(GHz)	SWR	Nominal Attenuation(dB)	Type of Connector
ATS1	1	0.25	Dc-18	1.20-1.40	1-10, 20, 30, 40	SMA
ATS2	2	0.5	Dc-12.4	1.10-1.35	1-10, 20, 30, 40	N,BNC,SMA,TNC
ATS3	5	0.5	Dc-4	1.10-1.25	1-10, 20, 30, 40	N
ATS10	10	1	Dc-12.4	1.10-1.35	1-10, 20, 30, 40	N,SMA,TNC
ATS20	20	1	Dc-8	1.10-1.35	1-10, 20, 30, 40	N,7/16
ATS30	30	1	Dc-6	1.10-1.35	1-10, 20, 30, 40	N,7/16
ATS50	50	5	Dc-4	1.10-1.35	1-10, 20, 30, 40	N,7/16
ATS100	100	10	Dc-4	1.10-1.35	1-10, 20, 30, 40	N,7/16
ATS150	150	10	Dc-4	1.15-1.40	1-10, 20, 30, 40	N,7/16
ATS200	200	10	Dc-4	1.10-1.40	10, 20, 30, 40	N,7/16
ATS250	250	10	Dc-4	1.10-1.40	10, 20, 30, 40	N,7/16
ATS300	300	10	Dc-4	1.10-1.40	10, 20, 30, 40, 50	N,7/16
ATS400	400	10	Dc-4	1.10-1.40	10, 20, 30, 40, 50	N,7/16
ATS500	500	10	Dc-4	1.10-1.40	10, 20, 30, 40, 50	N,7/16
ATS800	800	20	Dc-4	1.20-1.50	40, 50, 60	N,7/16
ATS1000	1000	50	Dc-4	1.25-1.50	30, 40, 50, 60	N,L27
ATS2000	2000	100	Dc-1	1.25	30, 40, 50, 60	N,L27