



Company

Profile

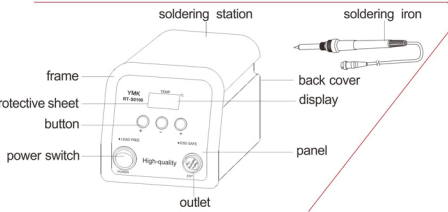


YMK Intelligent M&E Co.,Ltd(China) with our manufacturing parter Yitao Intelligence Control together(Shanghai Public Listed Company, Stock Code 300131) specialised in design and manufacturing of innovative and high quality intelligent tools for the electronic manufacturing markets.

Our Soldering Machine is one of the leading product brand in the market place. It has the fastest heating response time (heats up to 350 °C in 15 seconds) with great Thermostatic stability (±1°C when in standby mode, <8°C when in soldering mode).

Component

Name



soldering station

soldering iron

frame

protective sheet

button

power switch

outlet

back cover

display

panel

* Auto sleep function

* Auto power off function

* Lock temp password

* 16 operating modes

* Temp stability ±1°C (Idle)

* Temp range 50~600°C

* Soldering temp fluctuations < 8°C

* Aluminum shell (antistatic)

* Reliable power supply

* Mcu intelligence control

* Digital display

* Touchone thermostat

* Digital temp calibration

* High frequency eddy current heating

* Rapid heat-up & recovery temp

* Suitable for lead-free soldering

Product

Introduction

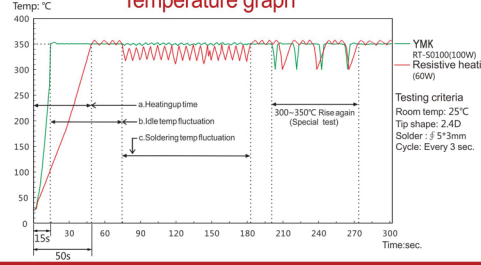
Our Soldering Station uses Electromagnetic Induction Heating Technology which provides high Thermal Efficiency and Energy Savings compare with traditional Resistive Method Type Of Soldering Machines available.

We also have additional features includes Sleep Mode and Auto Power Off which further enhance power supply efficiency (30% power savings compare with traditional products).

Soldering station				
Model No.	RT-S0060	RT-S0100	RT-S0150	RT-S0180
Power consumption	60W	100W	150W	180W
Output voltage	AC36V380KHZ			
Temp range	50~600°C			
Environmental temp	-6~42°C			
Temp stability	±1°C (Idle)			
Materials of the cover	Aluminum			
Dimensions	110*105*155mm	110*105*165mm	110*105*175mm	110*105*175mm
Net weight	2.2KG	2.5KG	2.6KG	2.8KG

Soldering iron				
Power consumption	55W	95W	145W	175W
Tip to GND impedance	< 2Ω			
Tip to GND potential	< 2mV			
Insulating resistance	> 5MΩ			
Heating element	electromagnetic system			
Cord	1.2m			
Total length (w/o cord)	20cm			
Weight	100g	100g	105g	155g

Temperature graph



Temp: °C
Time: sec.

Testing criteria
Room temp: 25°C
Tip shape: 2.4D
Solder : J 5*3mm
Cycle: Every 3 sec.

For lead-free soldering, "c" is the most important in a, b, c tests, which decides the quality of soldering station. From the above tests, YMK-TOOLS won the tests and reveals its advantages. The change of soldering temp is much lesser, which means its heating is efficient and fast. Lead-free soldering station meet the qualified soldering requirements.

Superior

Cost advantage

As to the problem, we improve the thickness of the solder tips , with the excellent heat dissipation of the YMK-TOOLS ` soldering station, worker can make lead-free soldering in the lower temp. To reduce the wastage of solder tips , extend the usage time, heating element is made of filamentary silver , which can let it use more effectively and reliability .

Soldering station is supplied power by ring transformer , which makes its efficiency up to 95% or above ,load power is less than 3W. It can adjust the output power according to the size of solder spots , which can make it more reliability and less cost than traditional product.

Project	Brand	YMK	German Brand	Japanese Brand
Heating principle	Eddy current heating	Resistance-type	Resistance-type	Resistance-type
Maximum power	100w	80w	75w	
Temperature range	50~600°C	50~450°C	50~450°C	
Temp fluctuations	8°C	36°C	28°C	
Auto-sleep & Auto poweroff	Available	Available	Unavailable	
Lock temp password	Available	Available	Available,sliding card	
Function operating	Operating in station easily and simply	Need coding to drive	Operating in station troublesomely	
Tip and heating design	Split style	Split style	Combo	

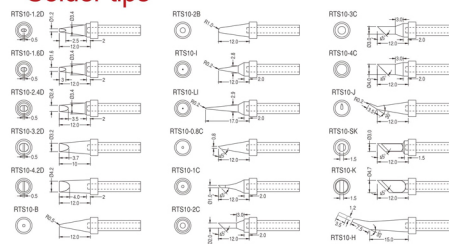
Quality advantage

Using the high frequency eddy current heating , heating up and recovery temp at least three times faster than traditional products.

Using the intelligent digital control , which makes the temp more reliability (general temp volatility is less than 8°C) .

So as to make the solder spots more stable , reliability. (because of fast recovery temp, under the same condition, the setting temp of our product is less 50°C than the traditional one.)

Solder tips



* Soldering station free warranty 2 years(except consumables), permanent to provide maintain services.


* Special solder tips can be designed.

* Different level of the same style of the soldering tips can suit different requirement.

Power

“Core” tennchnology


Inside use high-quality ring transformator





Soldering station power supply introduction:


- * Much more reliable and safer than switching power supply.
- * Applying imported, brand new and high-quality silicon steel for the core.
- * The winding consist of high-quality and thermostable full-copper enamel wire.
- * The loss is 25% less than the EI transformer's; and the electrical efficiency could reach higher than 95%.
- * The no-load current is 10% of the EI transformer's; almost free of electromagnetic radiation and vibration nosie.
- * The temperature rises only 40°C during full load operation; durable for long-term full load operation; especially eligible for intense situations.


cooperative partner


 ITOA 英唐


 Rota 润唐


 KONKA

 Skyworth 创维

 Kchibo


 索佳

 淇升電器

 TCL

YMK-TOOLS

Best quality Best service



YMK Intelligent M&E Co.,Ltd (China)

Corporate HQ


Sales and Management Office
Email: ymk-tools@ymk-tools.com
MS Susan: susan-marketing@ymk-tools.com
MR Wong: wong-marketing@ymk-tools.com
Skype: linaliao618
TEL: 0755-23575730 FAX: 0755-23575730
ADD: Palais de fortune, Shajing Block, BaoAn District, ShenZhen, China

Create a new era of lead-free

YMK

High Frequency eddy current heating soldering station

We just make the best tools in the world!



The speed of soldering is 2X faster than the traditional machine !

6 Main features

- ◆ Rise & Lower the temp rapidly, heat the soldering tips, from the room temp to 350°C only takes 15s.
- ◆ Idle temp fluctuations about ±1°C, conventional soldering temp fluctuations < 8°C.
- ◆ The quality of soldering promoted, reduce using tin 20%.
- ◆ User-frendly, reduce requirement for worker.
- ◆ Reduce the consumption in solder tips, increase 30,000 solder spots.
- ◆ Warranty 2 years, high quality promise.