

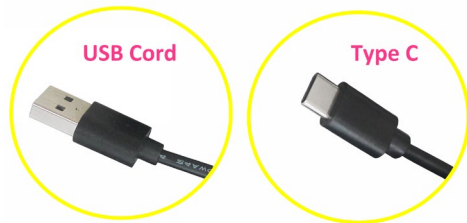
It's time to throw away your other AC-Powered (Electric) & DC-Powered Soldering tools , and only use KINGTOOL'S USB / Type C Powerful Soldering Tools!!

## Multifunctional **USB** or **Type C** Powered Heat / Soldering Tool

Heat Tool with 20 Interchangeable Tips.

➔ Plenty more functions for you to discover -----

- Soldering
- Welding
- Cutter
- Hot Knife for Plastic
- Cutter for Styrofoam
- Heat Shrink
- 3D Print Finishing Tool
- and so much more .....
- Hot Foil
- Wood Burn
- Hot Fix



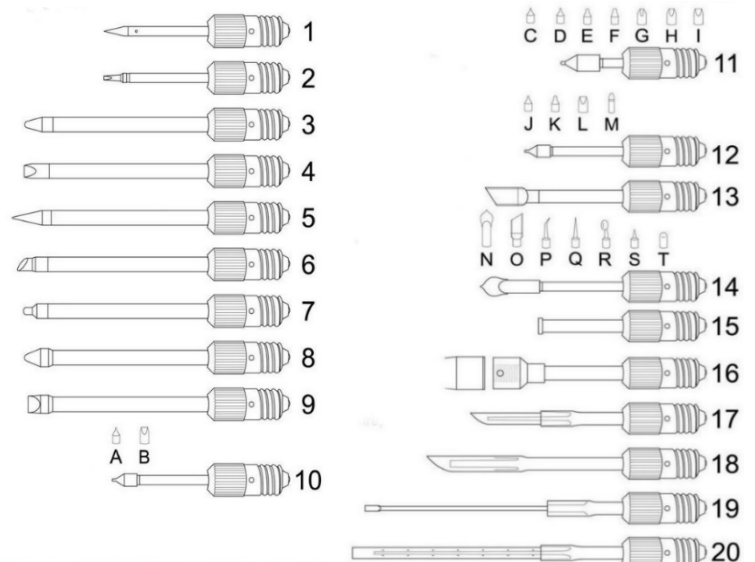
One tool for different Watt & temperature



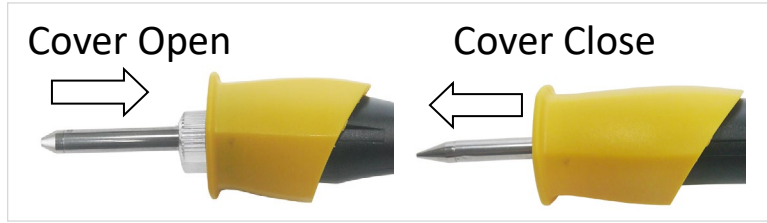
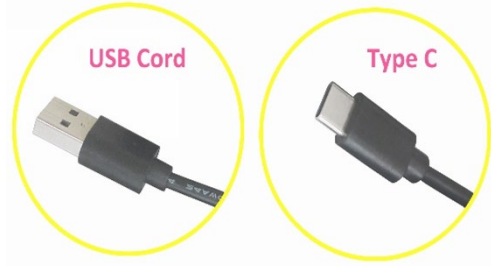
Just Turn to change the tip

### 20 Interchangeable Tips

Max. Temperature Up to **500°C (932°F)**  
(Tip No. 5,6,7,8,9)



## Heating Tool: 2 types of Power Cord: USB or Type C



USB    USB + Switch    Type C    Type C + Switch

Without On/Off Switch

With On/Off Switch



### How we code our item no./ Coding Rule



Type C: KA-S05**Y**B-C  
 USB: KA-S05**Y**B

KA	S05	Y	B	Type C
	Tip Type	Cover Color	Tail Color	



Type C: KA-S05**Y**B-QC  
 USB: KA-S05**Y**B-Q

KA	S05	Y	B	Q	Type C
	Tip Type	Cover Color	Tail Color	Switch	

### Slide Cover Color Choice

R red	O orange	Y yellow	G green	V Viridian	B black
E blue	M marine	P purple	PK pink	GR grey	W White

### Tail Color Choice

Y yellow	P purple	E blue	W White	V Viridian	B Black
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# Ultimate 3PCS Soldering Kit (Code. KA-M1000)

## → Why is this kit special?

Because, it Absolutely replace the A/C Powered 120V 30W, 45W & 60W model!!



Tip Part No.	Description	Equivalent to our other AC Charge Model
Tip A01	5V 8W Cone Type, $\varnothing$ 3mm, Max Temp. 480°C Preheat: 10 Sec	120V 30W Max Temp. 420°C Preheat: 120 Sec
Tip A03	5V 10W Cone Type, $\varnothing$ 4.5mm, Max Temp. 500°C Preheat: 20 Sec	120V 45W Max Temp. 460°C Preheat: 120 Sec
Tip A08	5V 12W Cone Type, $\varnothing$ 5.6mm, Max Temp. 500°C Preheat: 30 Sec	120V 60W Max Temp. 460°C Preheat: 150 Sec

Before you order KA-M1000, please decide following...

1. Choose power
  - USB, Type C, USB + On/Off Switch or Type C + On/Off Switch
2. Choose Cover and Tail colors

## 3PCS Soldering Kit (Code. KA-M1002)

→ Suitable for DIY, Hobby, Daily Soldering Jobs



Tip Part No.	Description
Tip A02	5V 8W Chisel Type Soldering Tip, $\varnothing$ 3.6mm, Max Temp. 480°C, Preheat: 10 Sec.
Tip A06	5V 10W Bevel Type Soldering Tip, $\varnothing$ 4.5mm, Max Temp. 500°C Preheat: 20 Seconds.
Tip A08	5V 12W Cone Type Soldering Tip, $\varnothing$ 5.0mm, Max Temp. 500°C Preheat: 30 Seconds.

## 3PCS Soldering Kit (Code. KA-M1001)

→ Suitable for Automotive Body Repair, Heat Shrink Wire and Soldering.



Tip Part No.	Description
Tip A05	5V 10W Sharp Type Soldering Tip, $\varnothing$ 4.5mm, Max Temp. 480°C, Preheat: 10 Seconds.
Tip A16	12W Heat Shrink Tip, Max Temp 400°C, Preheat: 2 Sec
Tip A18	5V 12W Hot Knife, Max Temp. 500°C Preheat: 10 Seconds.

## 2PCS Soldering Kit (Code. KA-S0516)

➔ Suitable for Automotive Body Repair, and Soldering.



Tip Part No.	Description
Tip A05	5V 10W Sharp Type Soldering Tip , $\varnothing$ 4.5mm, Max Temp. 480°C, Preheat: 10 Seconds.
Tip A18	5V 12W Hot Knife, Max Temp. 500°C Preheat: 10 Seconds

## Hot Foil & 3D Print Finishing Tool Kit (Code. KA-S1113)

➔ For Hobby, DIY, Hoit Foil Calligraphy, 3D Print Modification



Tip Part No.	Description
Tip A11	Cone Nibs: 0.5,1,2,2.5mm & Flat Nibs: 2,3,4mm Max Temp. 170°C, Preheat 50 Seconds.
Tip A13	3D Print Finishing Tool Tips Smoothing (max.280°C), Knife (max.300°C), Detailing(max.300°C), Needle(max.300°C), Scoop(max.300°C), Point/Soldering(max.450°C), Hot Welding to bong plastic & wood burning (max.450°C)

## 2PCS Foam Cutter Set (Code. KA-S1920)

→ Suitable for cutting and styling the Styrofoam



Tip Part No.	Description
Tip A19	8W Foam Cutter Rod. Max Temp.270°C, Preheat 5 Sec.
Tip A20	12W Foam Cutter Blade, Max Temp.360°C, Preheat 8 Sec

## 2PCS Hot Knife Set (Code. KA-S1718)

→ Suitable for all your cutting jobs.

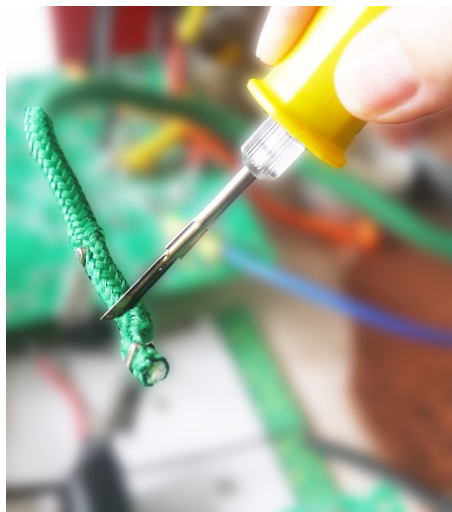


Tip Part No.	Description
Tip A17	8W Mini Knife, Max Temp.360°C, Preheat 10 Sec.
Tip A18	12W Hot Knife, Max Temp.500°C, Preheat 10 Sec

# Application

Lightweight USB soldering iron capable of being powered by a computer, laptop, power pack or a USB adaptor. Perfect for use as part of a mobile tool kit, or where storage space is limited, and ideal for soldering in situ when used with a USB power pack. It features a 1.2m lead and is supplied with a folding stand. Suitable for use by mechanics, auto-electricians, model-makers and DIYers, both in the workshop and at home.

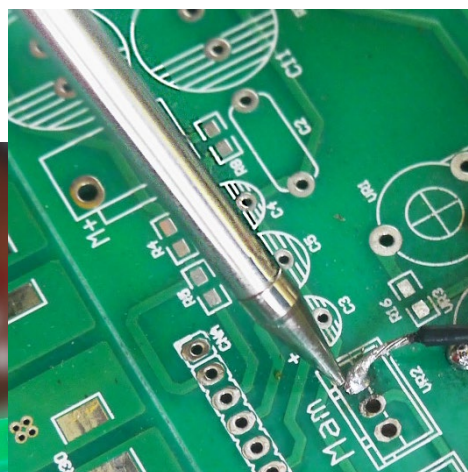
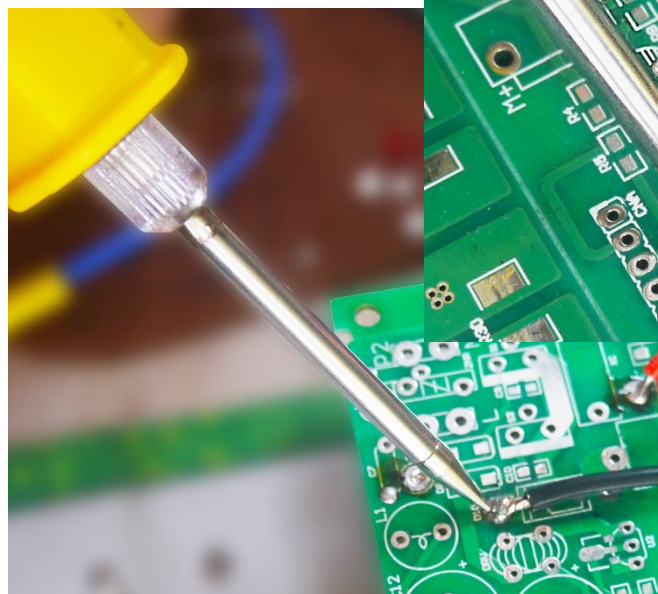
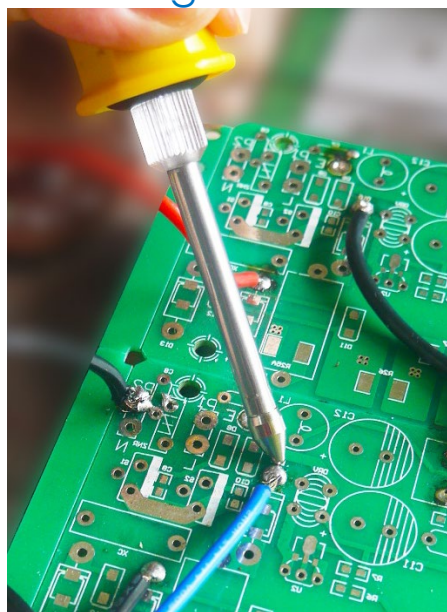
## Hot Knife



## Heat Shrink





## Soldering Iron




## Soldering Tips



- Threaded Interface.
- Easy to install and replace the tip.
- Suit all your needs of welding different shape component.
- Great for various occasions, such as Circuit board soldering, Model aircraft maintenance, DIY /Hobby project, Electronic work, repair works.

Item No.	KA-A01	 <p>33mm Tip point: 1mm/ ø3.6mm</p>	KA-A02	 <p>32mm Tip point: 2*1.5mm/ ø3.6mm</p>
Tip Type	Cone		Chisel	
Power	8 Watt		8 Watt	
Max Temp.	480°C 896°F		480°C 896°F	
Pre-heat	10 Sec		10 Sec	

Item No.	KA-A03	 <p>53mm Tip point: 1mm/ ø4.5mm</p>	KA-A04	 <p>53mm Tip point: 2*1.5mm/ ø4.5mm</p>
Tip Type	Cone		Chisel	
Power	10 Watt		10 Watt	
Max Temp.	500°C 92°F		500°C 932°F	
Pre-heat	20 Sec		20 Sec	

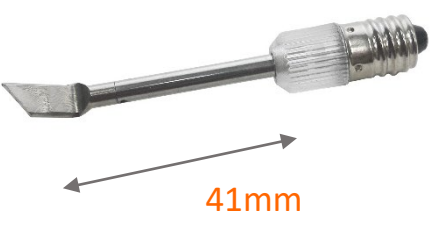

Item No.	KA-A05	 <p>53mm Tip point: 1mm/ ø4.5mm</p>	KA-A06	 <p>53mm Tip point: 4.5*5mm/ ø4.5mm</p>
Tip Type	Sharp		Bevel	
Power	10 Watt		10 Watt	
Max Temp.	500°C 92°F		500°C 932°F	
Pre-heat	20 Sec		20 Sec	

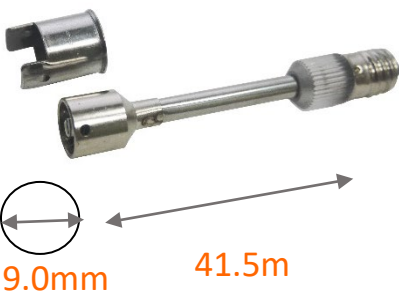
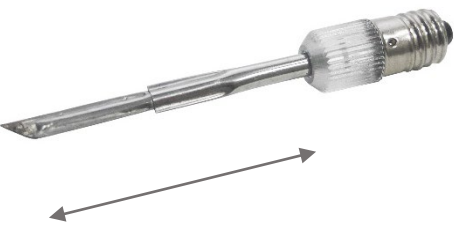
Item No.	KA-A07	 <p>48mm Tip point: 2mm/ ø4.5mm</p>	KA-A08	 <p>51mm Tip point: 2.5mm/ ø5.0mm</p>
Tip Type	Fine		Cone	
Power	10 Watt		12 Watt	
Max Temp.	500°C 92°F		500°C 932°F	
Pre-heat	20 Sec		30 Sec	


Item No.	KA-A09	 <p>48mm Tip point: 5.2*2.85mm/ø5.0mm</p>	KA-A10	 <p>36mm Tip point: 1mm, 4mm ø3.6mm</p>
Tip Type	Chisel		Cone	
Power	12 Watt		12 Watt	
Max Temp.	500°C 92°F		460°C 860°F	
Pre-heat	30 Sec		15 Sec	




# Other Tips


Item No.	KA-A13		KA-A15	
Tip Type	Plastic Cutter		Hot Fix	
Power	8 Watt		2 Watt	
Max Temp.	400°C 752°F		230°C 446°F	
Pre-heat	20 Sec		50 Sec	

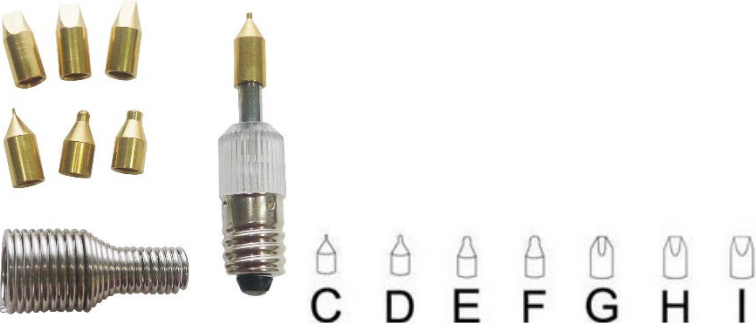
Item No.	KA-A16		KA-A17	
Tip Type	Heat Shrink		Mini Knife & Foam Cutter	
Power	12 Watt		8 Watt	
Max Temp.	400°C 752°F		360°C 680°F	
Pre-heat	2Sec		10 Sec	

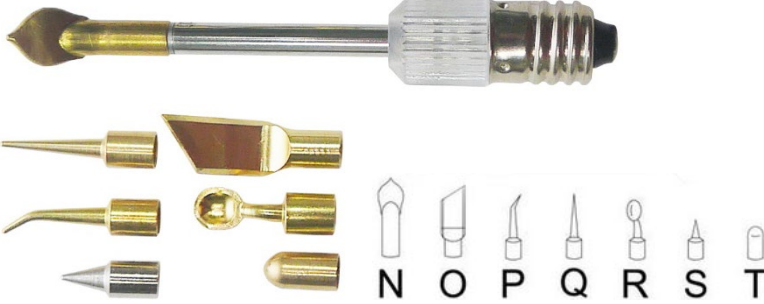
Item No.	KA-A18	
Tip Type	Hot knife	
Power	12 Watt	
Max Temp.	500°C 932°F	
Pre-heat	10 Sec	

Item No.	KA-A19	
Tip Type	Foam Cutter-Round	
Power	8 Watt	
Max Temp.	270°C 518°F	
Pre-heat	5 Sec	

Item No.	KA-A20	
Tip Type	Foam Cutter-Flat	
Power	12 Watt	
Max Temp.	360°C 680°F	
Pre-heat	8 Sec	

Item No. KA-A12 Wood Burning Kits	Power: 12 W	Pre-heat: 30 Sec
	(J) 1mm Cone	460°C 860°F
	(K) 2mm Cone	460°C 860°F
	(L) 4mm Chisel	460°C 860°F
	(M) Multifunction	460°C 860°F

Item No. KA-A11 Hot Foil Tool	Power: 2 W	Pre-heat: 50 Sec
	(C) 0.5mm Cone	170°C 338°F
	(D) 1.0mm Cone	170°C 338°F
	(E) 2.0mm Cone	170°C 338°F
	(D) 2.5mm Cone	170°C 338°F
	(E) 2mm Chisel	170°C 338°F
	(F) 3mm Chisel	170°C 338°F
	(G) 4mm Chisel	170°C 338°F

Item No. KA-A14 3D Finish Print Finish Tool	Power: 8 W	Pre-heat: 30 Sec
	(N)Smoothing	280°C 536°F
	(O) Knife	300°C 572°F
	(P) Detailing	300°C 572°F
	(Q) Needle	300°C 572°F
	(R)Scoop	300°C 572°F
	(S)Point/Soldering	450°C 842°F
	(T) Welding	450°C 842°F



Why Kingtool claim their 12W Soldering Iron /Heating Tools are more powerful with same or higher-temperature, than other brands have higher Watts (30W, 45W, 60W)!

**Facts**

The **length** and **size** of the tip barrel or the **Watts don't** really matter. The **only thing matter** is the **working tip temperature**.



**Comparison of Mechanism between Kingtool and Others**

Heat generated from Porcelain + Wire  
**Where:** filled inside the **Tip Point**

**KINGTOOL**

Heat generated from Mica + Wire or Ceramic + Wire.  
**Where:** Installed in the **tool housing/barrel** that is **not right at the tip!!**

The White part is the Porcelain

Ceramic Rod

Mica-covered tube

Look at the Actual size difference.

**Others**

**Direct** Heat from the tip point.  
**Shorter** the preheat time and require less Watts to reach working temperature.

**KINGTOOL**

**Indirect** Heat from the housing barrel.  
**Longer** the preheat time and require larger Watts to reach working temperature!! Heat is likely lost during transmission.

**Others**

Kingtool's USB / Type C Heating Tools are so much powerful than other A/C-Powered ones!!

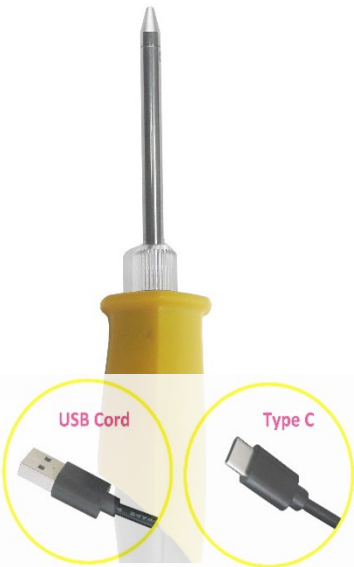
KA-S01YB

5V 2A 10 Watt

● Preheat time:  
10 Sec

Max. Temp: 480°C

**Win**



Other Brand

120V 30 Watt

● Preheat time:  
150 Sec

Max. Temp: 400°C



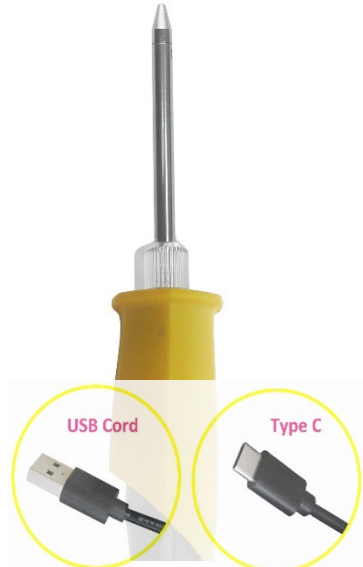
KA-S03YB

5V 2A 10 Watt

● Preheat time:  
20 Sec

Max. Temp: 500°C

**Win**



Other Brand

120V 45 Watt

● Preheat time:  
180 Sec

Max. Temp: 460°C



KA-S08YB

5V 2A 12 Watt

● Preheat time:  
30 Sec

Max. Temp: 500°C

**Win**



Other Brand

120V 60 Watt

● Preheat time:  
150 Sec

Max. Temp: 480°C



Once tried  
Kingtool,  
Always  
prefer  
Kingtool!