

**FNIRSI**


# HS-02 SMART SOLDERING IRON


Innovative design, one  
click technology your life 



 100°C-450°C

 PD, QC protocol

 100W High-Power

 Rapid heating up and recovery

 Accurate temperature adjusting and control

# MULTIPLE ADVANTAGES HIGHLIGHT STRONG STRENGTH



100W power  
rapid tin melt



PD/QC/DC  
power supply



Adaptive  
power



CNC  
metal shell



0.96 inch HD  
color screen



Lightweight  
easy to carry



Electrostatic  
protection



Induction sleep  
one click standby



Preset temperature  
and quick adjusting

# EXCELLENT QUALITY WITHOUT FEAR OF COMPARISON

Commitment to the popularisation and diffusion  
of technology for the benefit of all



	<b>HS-02</b>	Others
Power	<b>100W</b>	65W
Tinning Time	<b>2S</b>	8S
Screen Display	<b>0.96" IPS screen</b>	0.87" OLED screen
Body Material	<b>CNC Aluminium Alloy + Silicone</b>	ABS Plastics
Adaptive Power		
Static Protection		
Preset Temperature		
Hibernate Function		
Storage Bag		

# MULTIPLE POWER SUPPLY MODES:

⚡ **PD/QC/DC** ⚡

100W Maximum power, easy to soldering



PD/QC



DC



# ADAPTIVE POWER ADJUSTING

Automatic adaptation of power output power  
efficient and safe power adjusting



# ACCURATE TEMPERATURE CONTROL HIGHLY EFFICIENT WELDING

Segmented PID temperature control, 100-450 °C adjustable,  
rapid and stable temperature rise and recovery



- **PRESET MULTIPLE GROUPS**

of fixed temperature, fast temperature adjustment  
without time-consuming



# INDUCTION SLEEP ONE CLICK STANDBY

Inductive automatic sleep mode, pick up automatic heating, and also can enter standby mode with one click



# ELECTROSTATIC PROTECTION FINE SOLDERING

Equipped with grounding device,  
if necessary, can lead to grounding  
by oneself to eliminate static electricity





# LUXURY TEXTURE<sup>7</sup> EXQUISITE DESIGN

Designed in accordance with human mechanics, **180mm** length, making soldering more comfortable to use



0.96 INCH HD COLOR SCREEN



CNC METAL SHELL



SILICONE ANTI SLIP



ANTI SCALDING PEN CAP

# PANEL INTRODUCTION



# PERSONALIZATION AND MULTIFUNCTIONAL MENU

Customize setting, set soldering iron parameters according to needs to meet daily usage needs



# SOLDERING ASSISTANT

Meet different usage needs,  
adjust the temperature according to  
scenes and replace compatible soldering iron tips



UVA maintenance



Mobile phone/Computer repair



Home appliance maintenance



Electronic components soldering

# TWO MODELS CAN BE SELECTED

Select the appropriate model based  
on the required soldering tips

## HS-02A ADAPTATION

(total length 9cm)



HS02A-K



HS02A-KU



HS02A-JS



HS02A-I



HS02A-C2



HS02A-B

Tinning time:5S

Heating core  
resistance:2.5Ω

Soldering iron tip  
length:9cm

## HS-02B ADAPTATION

(total length 6.6cm)



HS02B-K



HS02B-I



HS02B-IS

Tinning time:2S

Heating core  
resistance:2.1Ω

Soldering iron tip  
length:6.6cm

# PRODUCT PARAMETERS



Product name	HS-02A/B
Working voltage	9-20V
Temperature range	100-450°C(180-842°F)
Screen	0.96 IPS HD color screen
Weight	≈61g
Power supply	Type-C
Fast charging protocol	PD/QC
Power	100W(max)
Soldering iron tip	HS-02A-KU HS-02B-K