

**AiXun·艾讯**

# AiXun Product Catalog



The Intelligent & Precision Soldering Expert



**Shenzhen AiXun Intelligent Hardware Co., Ltd**



# Contents

About AiXun .....	01
Application Scenes .....	02
Partners .....	03
Soldering Stations .....	04
Desoldering Stations .....	05
Smart Devices .....	06
Power Supply .....	07
Tin Planting Tools .....	08
Stainless Stencils .....	09
Repair Tools .....	10
Consumables .....	11



# About AiXun

Shenzhen AiXun Intelligent Hardware Co., Ltd. was established in 2018, located in Bantian, Shenzhen. AiXun is a high-tech enterprise committed to providing intelligent solutions in the field of precision electronic soldering. The company's business mainly involves intelligent software and hardware development, material analysis, mobile phone maintenance, precision circuit board soldering, repair and other fields. The main products include: soldering station, hot air gun, automatic soldering equipments, maintenance power supply, etc. The heating core independently developed and produced by AiXun has been comparable to JBC, and the material stability and electroplating craft have reached the industry-leading level.

AiXun has established close cooperation with many enterprises, institutions and colleges. The strong technical R & D team can provide customers with high-quality products at any time. We will insist on "standard, efficient, innovative and stable" with legal and standardized R & D production.

AiXun is one of the enterprises witnessing the vigorous development of intelligent electronics. We will constantly exploring and innovating to create high-quality hardware, and making efforts to strengthen China's intelligent electronic industry.

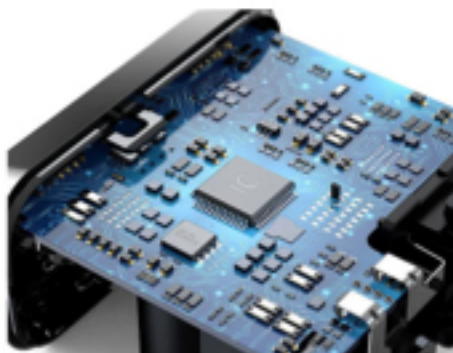


## Widely used in multiple fields and scenes

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Mobile repair



Semiconductor



Computer repair



Medicine



Production line



Teaching



Components



Precise machining



More fields

# Trust Depends on Strength

## 【Partners】

By virtue of personalized and high quality products, AiXun has built long term cooperation with brands like BYD, ZTE, Huawei, HK Vision, Hisense, Shanghai Electric, Foxconn and so on. We focuses on the unlimited expansion of functions and smart application of products, satisfying the various requirements of multiple industries.



# T420D

## Aixun Dual Channel Smart Soldering Station New High Efficient Soldering Equipment



Dual channel

Smart temp control

Online upgrade

Anti-interference anti-static

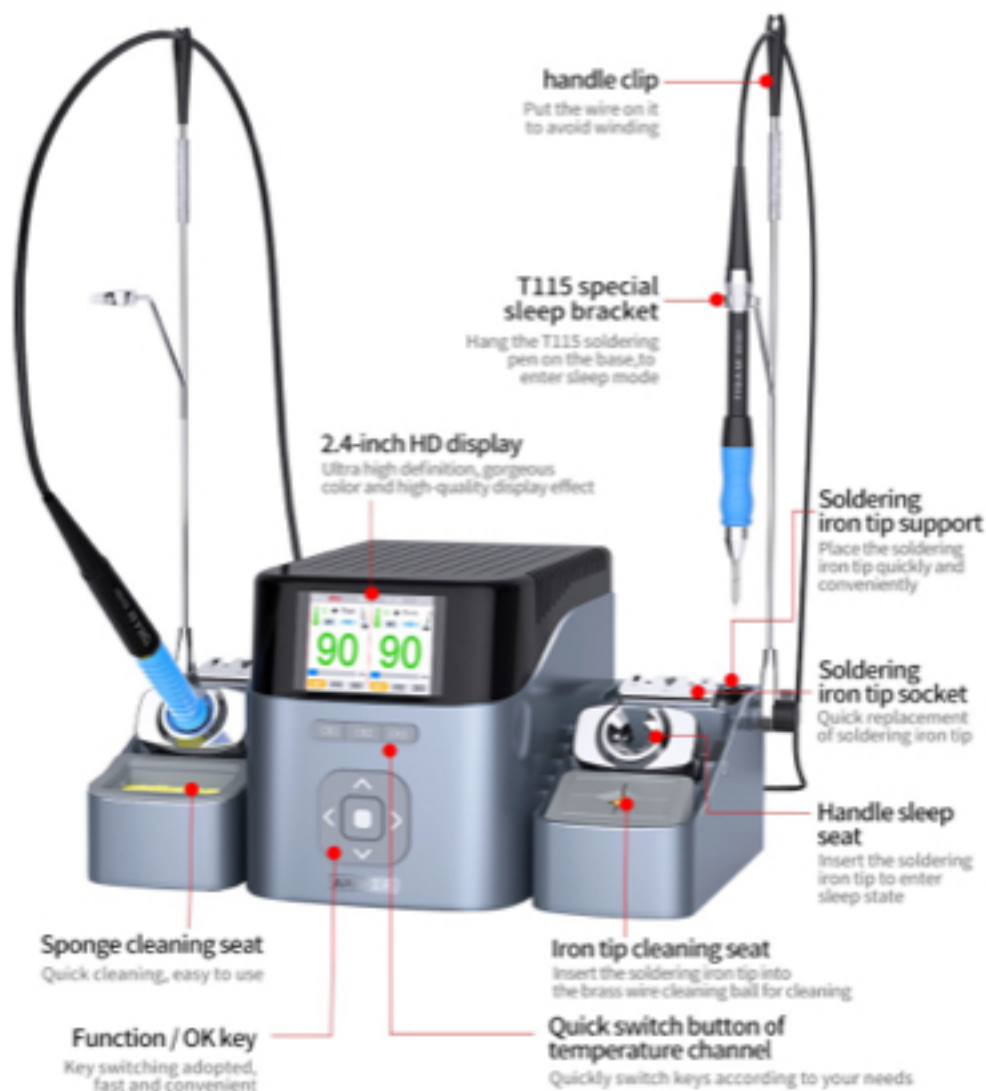
High compatibility

Smart identification

- T420D supports T245, T210 and T115 three handles.
- AC pure isolation, anti interference and static.
- Professional ring transformer provides sufficient power.
- Smart identification system helps monitor the status of handles.
- Suitable for soldering large parts as well as high precision components.



## Components Diagram



Items	Parameters
Model	T420D
Handles	T245/T210/T115
Temp Range	90°C–450°C
Rated Power	200W
Voltage	220V/110V
Fuse	3A
Net Weight	4406g
Dimension	178.4*112*125mm
Resistance	<2ohms



## ■ T3B Soldering Station

- Support T210/T115 handles, suitable for different soldering requirements
- Nano precise soldering, fast heating up, melt tin in 2s
- 2.4 inch color screen, 3 shortcut channels for temp setting
- Strong anti static design, meet industry ESD standard
- Four working models including [Working], [Standby], [Eco] and [Rest screen], more convenient for operation

Items	T3B Soldering Station
Model	T3B
Handles	T210/T115
Temp	100°C–450°C
Input V.	AC–220V
Frequency	50/60HZ
Size	160*110*54mm
N.W.	640g
Power	96W

\*Data provided by AiXun lab. Please refer to the actual data!



## P2408S Power Supply

Items	P2408S Power Supply
Model	P2408S
Name	智能稳压电源
Input V.	220V
Fast Charge	PD/QC3.0快充
Output I.	0-8A
Output V.	0-24V
Color	深空灰
Input Fre	50Hz
Size	175*110*52mm

\*Data provided by AiXun lab. Please refer to the actual data!

- Support 11-13 battery charge&discharge round cycle test
- Support battery capacity expansion, one key expand to 100%
- Accurate output voltage control, high precision current test chip, accurate to 1mA
- Adjustable 24V/8A DC output, burn-in, smart short circuit detection and repair
- Three display styles of pointer, curve and digital, smart monitoring
- Strong compatibility, support PD/QC3.0 fast charge, satisfying needs for different brands





## ■ T410 Soldering Station

- Support T210 handle (Standard with 1 holder, can be expanded to 2 holders, operate with 1 handle)
- AC pure isolation, 100W peak power, high-power ring transformer
- Smart identification system, monitor the working statuses in real time
- Modular handle holder, separable and combinable
- IPS HD LCD interface, personalized settings, easier to operate

Items	T410 Soldering Station
Model	T410
Handles	T210
Temp	90°C–450°C
Input V.	220V
Power	100W
Host Size	178.4*112*125mm
Holder	154*65*77.4mm
Resistance	< 2ohms

\*Data provided by AiXun lab. Please refer to the actual data!

## T420 Smart Soldering Station

Items	T420 Smart Soldering Station
Name	T420D
Handles	T245/T210/T115
Fuse	3A
Input V.	220V
Temp	90°C–450°C
Power	200W
Host Size	178.4*112*125mm
Holder	154*65*77.4mm
Resistance	< 2ohms

\*Data provided by AiXun lab. Please refer to the actual data!

- Support T245/T210/T115 three handles, easily meet different soldering needs
- 200W high-power ring transformer, heating up to 380°C in 2s
- Real time standby, prolong the service life of soldering tips
- AC pure isolation, anti interference, anti static, low magnet leakage, stable with sufficient power
- IPS HD LCD interface, personalized settings, easier to operate
- Global remote software upgrade, continuous innovation







## **iHeater Pro Desoldering Station**

- Real time monitoring the heating and cooling temp of mainboard
- Built-in mute cooling fan, auto cooling down, improve efficiency
- 2.4 inch color HD screen, temp curve display
- Full angle slide buckle design, repair deformed mainboard easily
- MCH ceramic heating element, rapid heating up, longer life and low power consumption

Items	iHeater Pro Desoldering Station
Brand	AiXun艾讯
Model	艾讯智能拆后台 iHeater Pro
Power	130W
Voltage	110V-220V
Temp	60-280°C
Material	合成石
Apply to	ipX-14 加热模块
Size	140*110*39mm

\*Data provided by AiXun lab. Please refer to the actual data!

## T3A Smart Soldering Station

Items	T3A Smart Soldering Station
Model	T3A
Handles	T12/T245/936
Input V.	220V/110V
Output V.	DC24V
Current	0-8A
Temp	100°C-500°C
Power	200W
N.W.	520g
Size	145*110*54mm

\*Data provided by AiXun lab. Please refer to the actual data!

- Support T245/T12/936 handles, suitable for various soldering requirements
- Fast heating up in 1s, melt tin in 2s, save time and improve efficiency
- Automatically recognize different working statuses, save energy
- High precision temp control system, temp deviation is less than 1%
- 200W high power, remote PC upgrade, real time standby, prolong the service life



## Microscope



- Built in 7 inch large HD screen, more clear display
- Measure data including calibration, delete, save and measurement of dot, line, polygon, circle and angles
- Infrared remote control, avoid screen shaking due to pressing buttons
- Support camera height adjustment, meet different requirements
- Support distant view, 16X magnification
- The holder can be turned over in different angles

## DT01 Thermometer

- OLED digital screen, clear and visible, real time measurement
- Measure the temp of soldering iron, hot air gun, surface, liquid, etc
- Powerful AI function, self designed chip, ensures smart maintenance
- Connect with Type-C or bluetooth to calibrate temp
- Temp sensor and thermocouple design, one machine with multi functions
- Accurate measurement, record&replay of temp curve





## FC12 Layered Test Jig

- 5-in-1 design, suitable for iP 12/12Mini/12P/12PM mainboard test
- 1:1 accurate positioning probes, testing more accurate
- Laser personalized logo, free replacement, superior service
- Imported double-end gold plating probe, stable and durable

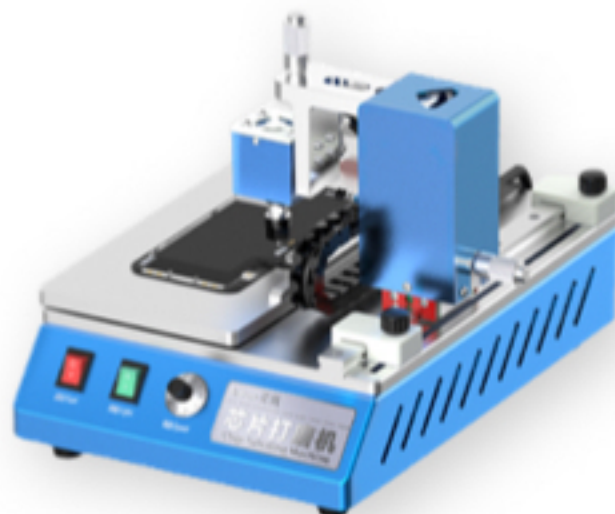


## A8-A14 CPU Reballing



- 3-in-1 design, combined positioning, glue removing and tin planting
- Support A8/A9/A10/A11/A12/A13/A14 CPU reballing
- 1 base + 4 positioning frames, support modular expansion
- Strong magnetic absorption, accurate and fast positioning
- Each mesh hole is calibrated based on original drawings, ensure accurate solder joints

## Chip Grinding Machine



- Customized CNC ER8 Chuck
- Linear guide rail + bilateral limited block design, accurate adjustment
- LED lighting and speed regulation, no-load speed at 12000r/min
- Aviation brushless motor, ultra high speed, fast grinding
- Two type customized chucks, 2.5mm /4.0mm

## Desoldering Station iHeater

- Support IP X-14 mainboard repair, assemble and disassemble
- Build-in mute cooling fan, fast cooling down
- PID temp algorithm, fast and accurate heating up, 70–260°C adjustable
- Magnetic flip design, auto standby mode, better protection for user
- Working independently without host nor power supply
- Slid buckle design, fix mainboard easily



## Hurricane UV Lamp

- Cooling fan and UV lamp 2-in-1 design, curing green oil in 10s
- Angle sensor auto control, tilt it over 90° to shut down automatically
- Built-in 500MA battery, type-C charge, super long endurance
- Multi functions, suitable for UV glue, green oil, shadowless glue, ink curving
- Dual button design, smart LED visual digital display
- Built-in cooling fan, cooling down the mainboard quickly



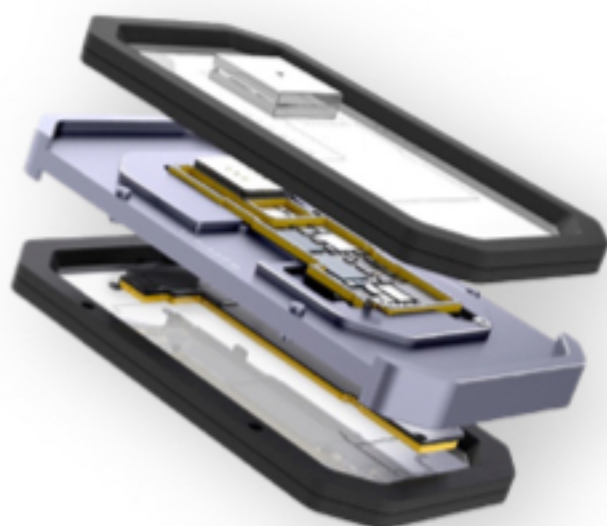
## S-DOCK Restoring Stand



- 7-in-1 design, suitable for S1, S2, S3 (38mm, 42mm), S4, S5, S6, SE (40mm, 44mm)
- One key restoring, easily solve white apple, exclamation mark, restart, fixed screen, bad touch, etc
- Built-in strong magnetic absorption, auto positioning
- Superior copper gold plating probes, good conductivity



## Z13 Reballing Platform



- Support IP 13/13Mini/13P/13PM mainboard middle frame tin planting
- Strong magnetic fix design, avoid deviation, easy to replace
- 4-in-1 universal base design, make full use of available space
- High quality steel, enables round and full tin balls, anti abrasion
- Tin shield design, prevent the SIM card holder from being stained

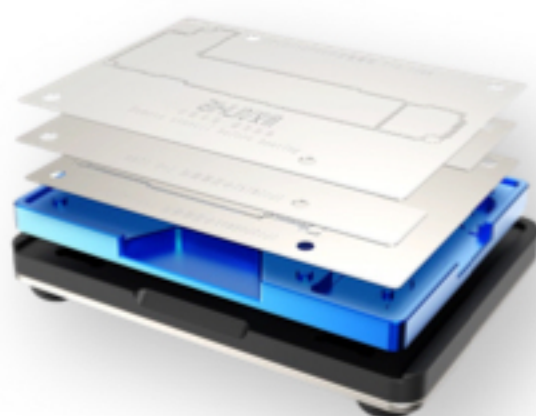
## 3rd Gen Face ID Repair Jig

- Initiated repair jig/repair holder 2-in-1 design, suitable for X/XR/XS/XS Max/11/11 P/11PM/12 etc, high compatibility, easier to repair
- Suitable for face ID assemble and disassemble, camera module dismantle, front infrared camera dismantle, etc.
- Keep-space structural design, more convenient to allocate
- Knob fix design, allows to adjust tightness freely
- Compact and practical, suitable for microscope operation



## Z12 Reballing station

- 4-in-1 design, suitable for 12/12P/12PM/12Mini, support A8-A14 CPU modules expansion
- 4 tiny and 3 big magnets, strong magnetic absorption
- CNC high precision machined, accurate positioning
- Square chamfered mesh design, making tin ball round and full



## FT12 2en Gen Fixture



- Support to clamp all brands motherboard, nand or CPU
- One -piece molding, precision machining
- Alloy material, high precision, more durable
- 3D anti slip soleplate design, more stable
- Dual-track repair fixture, not easy to deform and abrase
- Sliding lock design, faster and accurate fix of mainboard and chip

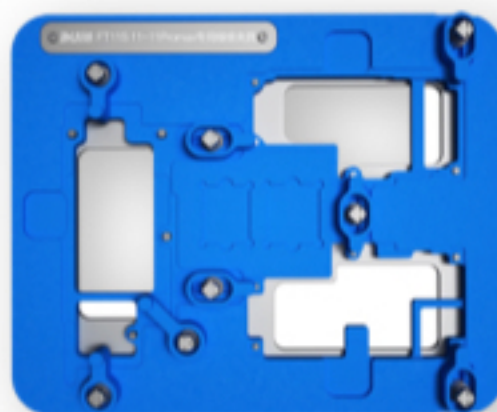
## AiXun iFixture FT-08



- Concise design, 360° perfect press fit, easy operation
- High compatibility, proper for Android and IPS phones
- Widely used in multiple scenes, screen press fit, wrapping and degumming repair
- Suitable for all phone models, convenient and efficient
- R-angle smooth lock technology, anti slide and scratch proof
- Silica gel pad design, prevent screen scratch effectively

## FT11S Repair Fixture

- For iPhone 11-11PM mainboard assemble and disassemble
- Support 11-11PM mainboard fix of front and back sides
- Support BGA70, BGA100 nand glue and tin removing, more convenient
- Support A10/A11/A12/A13 glue and tin removing, more efficient
- Synthetic stone spring buckle design, flexible adjustment, easy to fix and remove
- Alloy steel design for the bottom case, anti-abrasion and anti-slip



## Face ID Alignment Calibrator

- 3-in-1 design, support 11/11Pro/11PM face ID calibration
- Adjusted by professionals, quick fit, deviation is less than 0.01mm
- Upgrade aluminium alloy material, accurate positioning, anti abrasion
- Build-in strong magnetic absorption, tight fit, no excursion



## AiXun C210 Soldering Tip



- High temp prevent and low temp soldering technology, safe and reliable
- Superior red copper base material, excellent heat conduction and expansion
- 30000 times high temp test, safe, reliable and durable
- Multi-layer electroplating, longer service life and anti oxidation
- Strong compatibility, suitable for T3B, T413, T420, T420D and JBC
- K/I/S/Bravo soldering tips, satisfy different soldering needs



## 936 Lead Free Soldering Tips



- Customized soldering tips, K/I/S three types for option
- Superior oxygen free copper material, prolong the service life
- Through-end heat conduction technology, fast heating up
- NC vacuum cycle electroplating, anti-oxidation, lead free
- Red copper base material and niello electroplated surface, anti-corrosion

## C245 Nano Soldering Tips

- Integrated design of soldering iron and heating core, fast heating up
- Qualified oxygen free copper material, anti-corrosion
- Multi-layer electroplating craft, anti-oxidation and anti anti-corrosion
- Suitable for multiple scenes, satisfy different soldering needs
- Specific knife head handling, smooth tin planting, improve working efficiency



# AiXun·艾讯

智能精密焊接专家

The Intelligent & Precision Soldering Expert

深圳市艾讯智能硬件有限公司

Tel : 400-175-8688 755-84651380

E-mail : [info@aixuntech.com](mailto:info@aixuntech.com)

Website : [www.aixuntech.com](http://www.aixuntech.com)

Address : 513, 5 / F, Zhonghao New Town, Bantian  
Street, Longgang District, Shenzhen



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