



8 Million Pixels Full Auto Infrared Soldering Station Optical Alignment WDS 1250

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: WDS
- Certification: CE
- Model Number: WDS-1250
- Minimum Order Quantity: 1 UNIT
- Packaging Details: Wooden case
- Delivery Time: 8-15 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 150 UNITS PER MONTH



Product Specification

- PCB Thickness: 0.3-8mm
- Registration System: Optical Rhomboid Mirror+ HD Camera
- SMT Precision: $\pm 0.01\text{mm}$
- Temperater Measuring Interface: 13pcs
- Max Load Of Mounting: 300G
- Highlight: Full Auto Infrared Soldering Station,
WDS 1250 Infrared Soldering Station,
Full Auto Infrared Rework Station

Product Description

WDS-1250 Large Automatic BGA Rework Station

Specification

| | |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Model | WDS-1250 |
| The power supply | Ac380v±10%, 50/60Hz |
| The total power | 16000w |
| Heater power | The upper part is heated by hot air, the maximum is 1600W Lower hot air heating, maximum 12000W Infrared preheating at bottom, maximum 8000W |
| PCB positioning mode | V type card slot + universal fixture |
| Temperature control mode | High-precision K-type thermocouple closed-loop control, independent temperature measurement, temperature accuracy up to ± 1 degree |
| Electrical material | Touch screen industrial control integrated computer+temperature control module+ PLC+servo driver |
| Suitable for PCB size | Max 1200*700mm Min 10*10mm |
| Applicable chip size | Max 120*120mm Min 0.6*0.6mm |
| Applicable PCB thickness | 0.3-8mm |
| Registration system | Optical rhomboid mirror+high-definition industrial camera |
| SMT precision | ± 0.01mm |
| Temperature measuring interface | 13pcs |
| Maximum load of mounting | 300G |
| Tin point monitoring | An external camera monitors the melting process of the tin ball during welding |
| Feeding device | Automatic feeding device |
| Overall dimensions | L1350*W1300*H1920 |
| Machine weight | About 750KG |

WDS-1250 is a super large high-end optical alignment precision rework station, suitable for 5G server and large server motherboard rework.

Self-tuning temperature curve

Industrial PCL and precise temperature servo motion control system, real-time temperature curve display, can display the set curve and measured curve, can analyze the temperature curve. And the temperature curve is automatically saved, convenient to retrieve the historical parameters to trace the abnormal quality, with over-temperature protection and alarm function, software can be encrypted and anti-stay function.

Automatic feeding for adsorption

The heating head is equipped with a vacuum suction pipe for chip adsorption, with automatic feeding device, realize automatic feeding and automatic receiving, with memory function, desoldering and picking up the chip can be completed with one key, simple operation.

Precision moving platform

Industrial control integrated computer and plc control, Embedded industrial control computer, high-precision K-type thermocouple closed-loop control, up and down independent temperature, temperature accuracy up to ± 1 degree.

HD optical detection module

High-definition imported CCD(8 million pixels) optical alignment system, automatic focus, software operation function, 22 times optical zoom, through PCL control servo system automatic optical lens alignment movement, use 21.5 display screen display and operation interface, alignment function and operating system do not interfere with each other, easy to operate.

Lower heating system

IR preheating platform using Germany imported Erstein dark red outer heating plate, fast heating, uniform preheating, preheating area up to 650*520mm



Shenzhen Wisdomshow Technology Co.,Ltd



+86 17727914291



Mia@wdsbga.cn



bgaxraymachine.com

No.6,Haosi Western Industry,Shangjing Town,Bao'an District,Shenzhen,China