

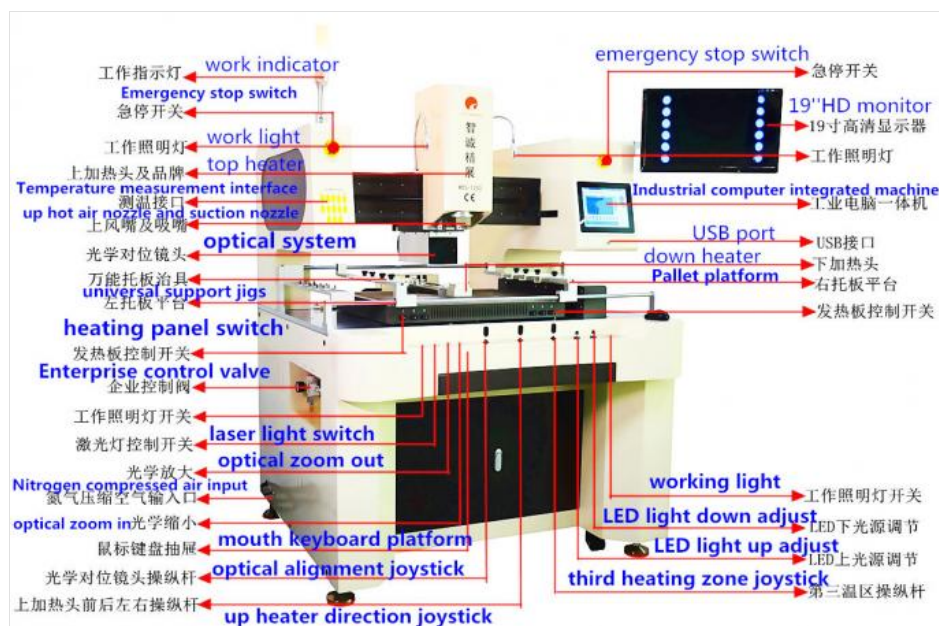
Product Description

WDS-1250 Automatic BGA Soldering Robot

Professional BGA rework station designed for iPhone 6/7/8s motherboards, PS4, Xbox consoles, and various electronic devices requiring precise BGA chip replacement and repair.



Our BGA Rework Station is widely used to replace and repair BGA chips in laptops, mobile phones, Xbox 360, PS3, and other electronic devices. Ideal for repair shops and factories providing after-sales service and rework operations.



Key Features

- Independent ten-axis interlock system with ten electric motor drives controlling all movements
- Computer-controlled up/down temperature zone, PCB movement, and optical alignment system X/Y movement
- Stores over 100 temperature profiles for large quantity motherboard rework
- 2-in-1 heat and mount head design with auto rotate, mount, soldering, and auto remove functions
- Independent three temperature zones (upper, lower, and infrared preheater)
- Maximum clamping plate size up to 1200×700mm with no rework dead ends
- Built-in vacuum pump with Φ-axis arbitrary rotation and high-precision stepper motor control
- Color high-definition optical system with 22x optical zoom for BGA sizes up to 120×120mm
- IPC+PLC control with touch screen operation and real-time temperature curve display
- 13 temperature sensors for comprehensive PCB monitoring and analysis
- Nitrogen inlet for protected soldering and manual flow cool down system



BGA Repair Process

How to Separate and Replace BGA Chips

- Desoldering - Separate BGA chip from motherboard
- Clean Pad - Prepare the surface for new chip
- Reballing or replace with new BGA chip
- Alignment/Positioning - Using optical camera and silk frame
- Soldering - Install new BGA chip

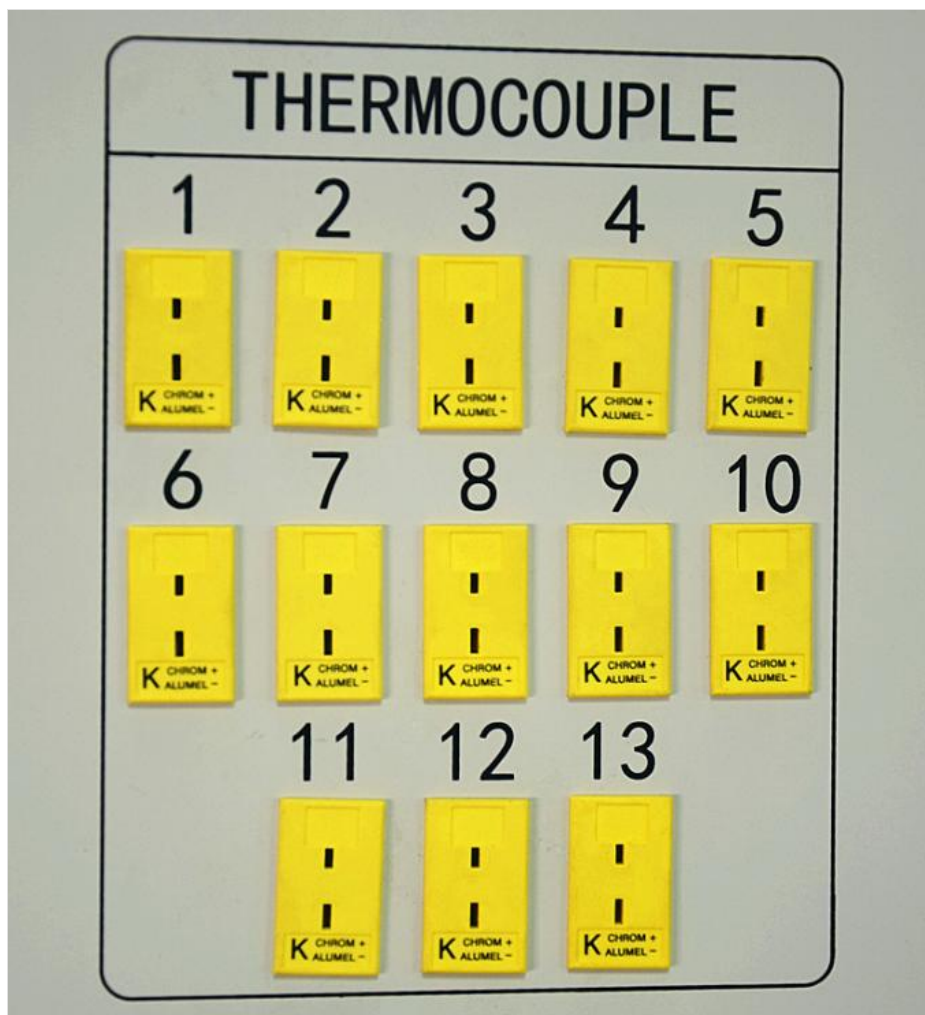
Technical Specifications

Parameter	Specification
Power Supply	AC 220V±10 50/60Hz

Total Power	10400W
Heater Power	Upper temp.zone 1200W, Second temp.zone 1200W, IR temp.zone 8000W
Electrical Material	High sensitive touch screen + temperature control module + PLC + step driver
Temperature Control	High precision K shape sensor, precision ± 1
PCB Size	Max 1200×700mm, Min 10×10mm
Applicable Chips	Max 120×120mm, Min 0.6×0.6mm
Mounting Precision	$\pm 0.01\text{mm}$
Overall Dimension	L1350×W1300×H1920mm
Weight	Approximately 650KG

Product Images





- * 11个测温通道，实时监测板面及芯片多点温度
- * 2个温度触发通道（分别为提前预热触发及芯片表面



Shipping & Delivery

Standard export wooden cases. Delivery within 2 workdays after payment confirmation. Shipping available via TNT, DHL, FEDEX, air, or sea from Shenzhen or Hongkong ports.



Company Profile

Shenzhen Wisdomshow Technology Co., LTD. - Professional BGA Rework Station Manufacturer

Business philosophy: "professional, integrity, excellence, customer first"

Leading manufacturer of BGA rework stations

Over 10 years' experience in BGA rework industry

CE Certificate and ISO certified models

100% QC inspection before shipment

Customized brand logo available

Large global market share



Customers come to factory place order



Chad



Lebanon



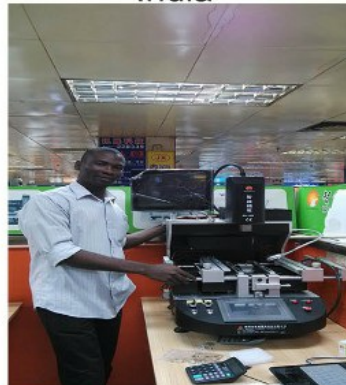
Banglades



India



Turkey



Nigeria



Sudan



Egypt



India



Bangladesh



Bangladesh





South Africa



Norway



Iraq



Saudi Arabia



Bangladesh



Jordan



France



Morocco



Egypt



Lebanon



Pakistan

Service & Support

24 hours technical support via email or phone

One year warranty (other costs borne by buyer)

Demo operation video training provided

On-site training available at our facility

Friendly English user manual included

Professional after-sales service

Special discounts for agencies

Customer Feedback

"Hi mate, your best price and high purity product is so competitive in my country, this let me make much profit, my customers are really like it. cooperate with you is so wonderful! thank you!" - Richard, Turkey

"I have received my products, your packing is do discreet and perfect, it really amazed me. I will order more from you as soon as possible. thanks a lot." - Robert, Australia

"I have cooperated with you for many times, your product quality is so great, that is why I still buy the products from you. Thank you." - Corentin, Brazil

How about the WDS-430
bga machine ?



It's okey working great

Good 😊 thank you for your
support Dear Jose, how are you ?

How about the use of WDS-
430 bga rework station ?

Hi
I am good, you?



I'm satisfied

Great. Glad to heard about

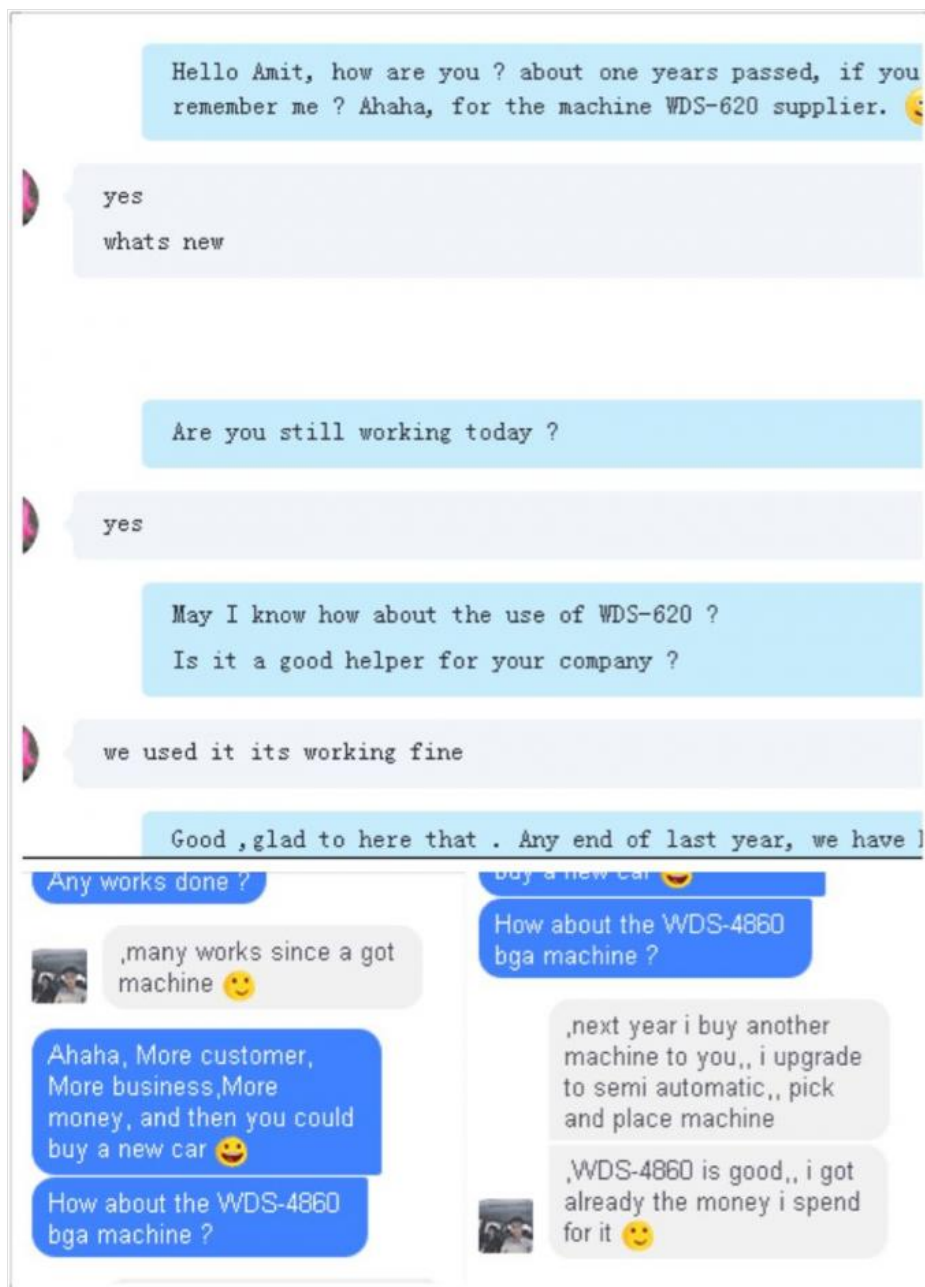


How about the WDS-700
bga machine ?



Very well and you Thank
you for the machine I am
doing very good works.

Good,glad to hear that and
thanks for your support. We
will still be your best service



Order Information

For any questions, please send an inquiry or chat with us. We're glad to serve you! Contact us for the best pricing and ordering information.

WDS/wisdomshow



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