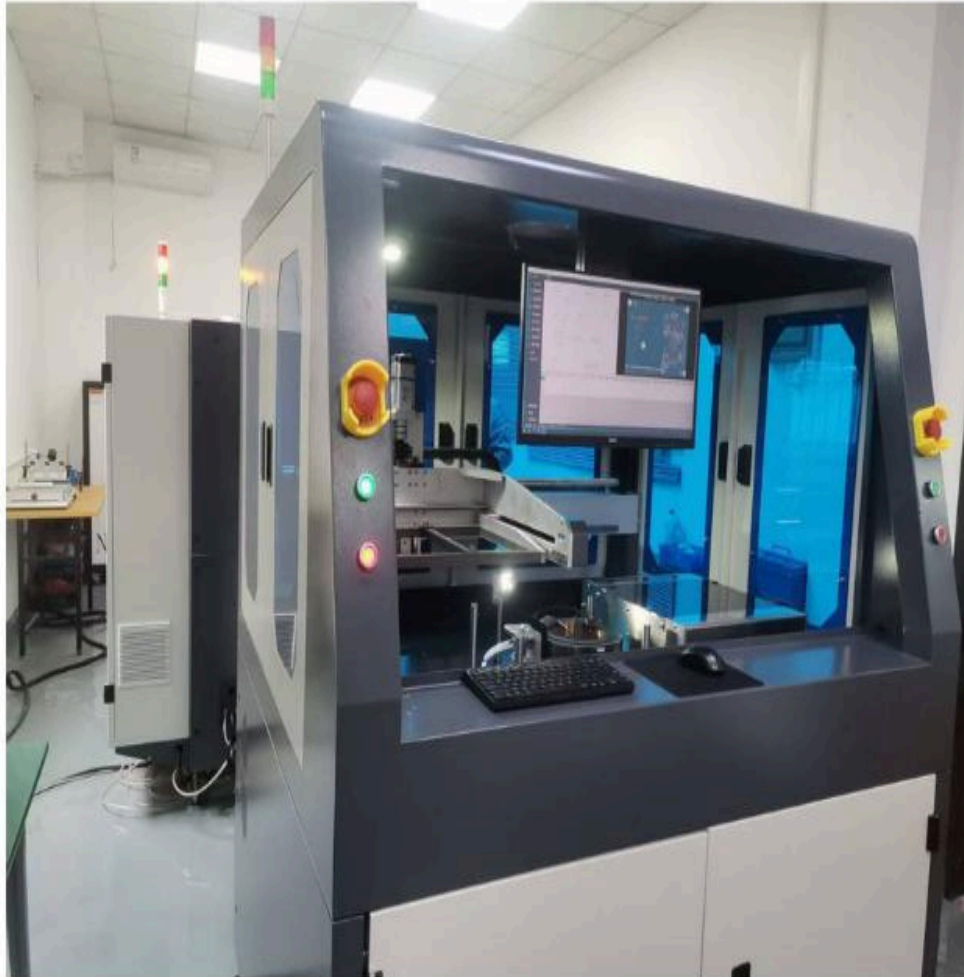


Well-Qualified
And Confirmed By



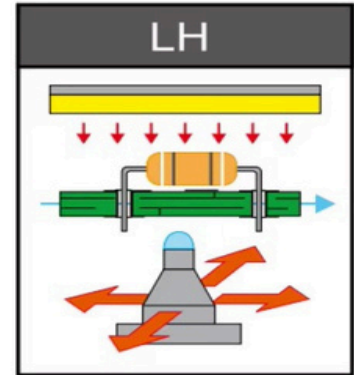
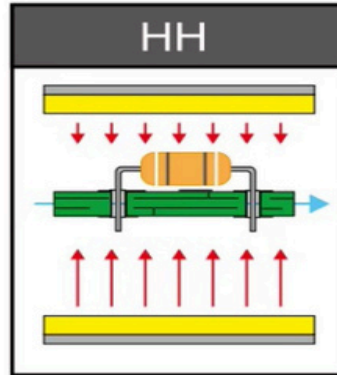
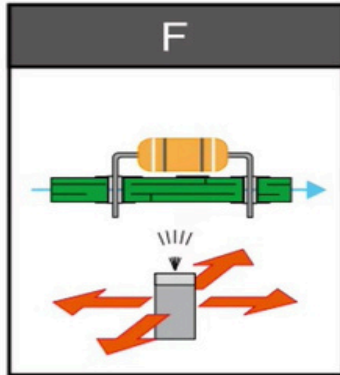
Well-Qualified And Confirmed By



Features:

1. Fixed PCB board, spray and solder moving platform.
2. High solder quality, significantly improving solder pass rate.
3. Modular design of SMEMA online transport, supporting customers for flexible line formation.
4. Full PC control. All parameters can be set in the PC and saved to the PCB menu, such as moving path, solder temperature, flux type, solder type, N2 temperature, etc., best traceability and easy to obtain repeatable solder quality.
5. Automatic wave height calibration function, to check and calibrate the wave height after each given PCB, thus maintaining very good wave stability.
6. Can be upgraded to be with Marking Positioning function, to check the PCB's marking point after each given PCB.
7. Self-designed table movement with cast aluminum, lighter weight with fast movement speed.
8. Servo motor & controller provide stability, with ball screw & linear guide rail. Low noise, stable movement.
9. With dustproof plate on the table movement, thus, to avoid flux or solder drop shipping to damage the ball screw.
10. Flux is dropped by pressure tank, making it sure that the pressure is stable without affecting the amount of flux.
11. Electromagnetic pump coil uses imported German brand to ensure the stability and reliability of the peak;
12. Solder pot is made of Ti, no leakage. With cast iron heating outside, strong and fast heating.
13. N2 online heating system, to wet the solder perfectly and reduce solder residue.
14. With stainless steel rollers for the conveyor belt, it will not wear out with long-term use.

Well-Qualified
And Confirmed By



Flux Spray + Preheating + Welding

Flux System

1. Standard with imported jet valve to obtain high-quality flux results with small flux dots. Please note that the flux solid content should be less than 10%.
2. Flux is released by the pressure tank, ensuring stable pressure without affecting the amount of flux. The nozzle jam detection function is optional.
3. The XY spray platform consists of a high-precision ball screw and linear sliding rail. It is controlled by a high-speed servo motor.
4. The nozzles are mounted on the XY platform; the accuracy of repeatability and positioning can reach 0.05mm.



Well-Qualified And Confirmed By



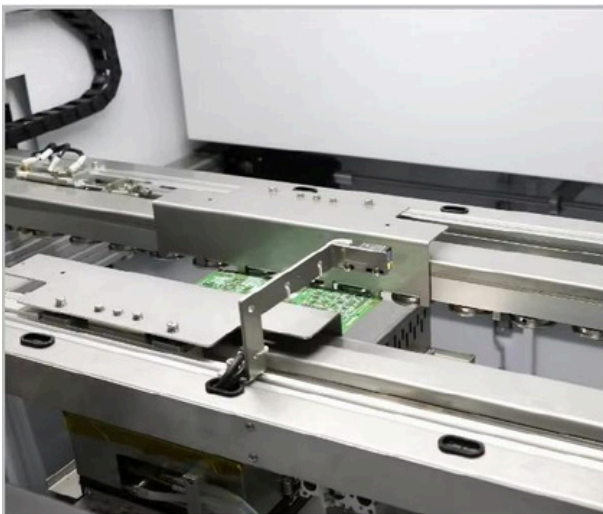
Preheating System

Under preheating is standard equipment in the machine, position adjustable. Top-of-the-line IR heating, efficient and stable IR heat conduction. Structural design for maximizing preheating area. All high-temperature cotton rings designed to ensure stable temperature. Heat generating and heat-conducting parts and motor use top-brand components. Plug-in maintenance design. Tool-free maintenance mode.



Transmission System

The transmission modules consist of three roller components. The spray and welding transmission tracks are equipped with a plate stop positioning device to ensure accuracy. The distance for welding elements on the PCB plate edge is much higher than that of a chain conveyor structure.

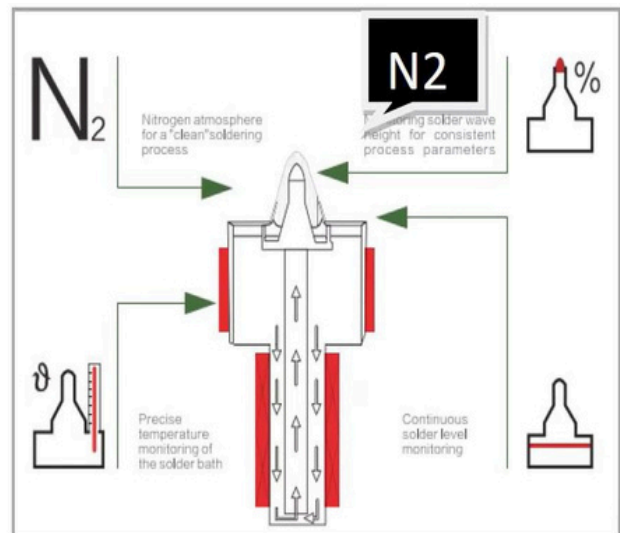


Well-Qualified And Confirmed By



Welding System

1. The XYZ platform consists of a high-precision ball screw and high-speed motor.
2. The electric pump coil uses a German imported brand to ensure the stability and reliability of the peaks.
3. Welding temperature, N2 temperature, wave height, wave calibration, etc., can all be set in the software.
4. The welding pot is made of Ti, leak-proof. With a cast iron heating element, it heats up powerfully and quickly.
5. Online N2 heating system to perfectly wet the weld and reduce welding residue.
6. Standard with automatic nozzle cleaning function. The number of plates that can be set to clean the nozzles.



Preheating System

Using infrared heating air for preheating ensure sufficient preheating of the equipment.

