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GW-D09 Soldering Machine



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Key technical specifications:

1. Number of Motion Axes: 3 axes (X-axis + Y-axis + Rotary axis).

2. Solder Angle: 0 - 180°.

3. Temperature Accuracy: ±10°C (±).

4. Time to Complete a Single Soldering Cycle (including loading, movement, and soldering): 7 seconds/cycle.

Machine Features:

1. Replaces manual soldering: Solves problems such as low efficiency, poor consistency, fatigue, large quality fluctuations, and high cost (especially in mass production) associated with manual soldering.

2. Improves soldering quality and consistency: Precisely controls soldering temperature, solder feed, soldering position, and time to ensure each solder joint meets standards, reducing defects such as cold solder joints, false solder joints, bridging, and cold solder joints.

3. Increases production efficiency: Enables continuous high-speed operation, significantly shortening production cycles.

4. Reduces operational difficulty and personnel requirements: Simplifies complex soldering processes, relatively reducing the soldering skill requirements for operators.

5. Adapts to high-density, miniaturized components: Precision equipment can handle tiny solder joints and spaced components that are difficult to handle manually.

6. Convenient machine type change: Machine type switching is as simple as calling up the appropriate program and changing the fixtures and vibratory feeder.

Grewin Machine Competitive Advantages

1. Performance Advantages Compared to Similar Products:

(1) Multiple soldering angles can meet the needs of various products, and dual-track feeding greatly improves production efficiency;

(2) The machine operates stably and reliably, equipped with a touch screen device, with a clear interface and convenient and easy operation, allowing customers to experience time-saving, labor-saving, and high-yield effects during use;

2. Cost Advantages Compared to Similar Products:

(1) The surface of the molten solder in the solder furnace is effectively kept warm, thereby reducing the generation of molten solder oxidation residue, which is conducive to saving expensive solder materials and reducing production costs; the flux adopts a circulating recirculation system to reduce waste.

(2) Superior performance and moderate price, with good market competitiveness.

3. Market Advantages Compared to Similar Products:

(1) It has an independently developed automated control system, which is multi-functional and has a short time to change models, and is easy to operate;

(2) This product can be used as a standalone machine or connected to an automatic winding machine.