

## Automatic Module Welding Machine

**Model: AWM-3000**

### Purposes:

The machine is designed for welding of module and antenna together. The machine can detect the correct module position and the welding spot will be displayed on the screen automatically and promptly. The machine has a vision system to detect and record missing welding spots after the welding with an option to re-do welding automatically.

### Advantages:

1. PLC control. Chinese/English user-friendly interface on touch screen display.
2. Optional Vision system to display whole welding process and check the quality.
3. Adjustable parameters, high accuracy.



### Features:

1. PC program control.
2. X, Y axis THK lead guide/Mitsubishi servo motor.
3. Z axis welding head and automatic process of skiving and cleaning of welding tip.
4. One operating platform with vacuum device.
5. Dual operating platform for continuous operations, with vacuum device.
6. Camera vision system, integrated vision, displaying the entire welding process on screen, easy to identify welding defects.
7. The machine can weld contactless inlay and combine ( tin-pad) inlay.
8. layout: 3x8、 4x8、 3x9、 6x8.etc.

### Specifications:

Item	Details	Item	Details
Dimension	L1500 x W1000 x H2100 mm	Weight	1000Kg
Power	AC220V, 50/60Hz	Power Source	5.5KW
Air pressure	6 kg/cm <sup>2</sup> clean, dry and oil-free	Accuracy	±0.05mm
Throughput	1000 UPH-1500 UPH/head	Control Method	PLC+Servo

**Notes:** above specification is subject to change without prior notice due to continuous improvement.