

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 defect.
7. The machine can weld contactless Inlay and combine (tin-pad) inlay.
8. layout: 3x8、 4x8、 3x9、 6x8.etc.

Specifications:

Item	Details	Item	Details
Throughput	1000 UPH-1500UPH/head	Weight	1000Kg
Accuracy	±0.05mm	Dimension	(L)1500mm x (W)1000mm x(H) 2100mm
Yield	99.5%	Environment	22°C, + 3°C, dry and dust-free
Air pressure	6kg/cm ² clean, dry and oil-free	Power	AC220V, 50/60Hz, 0.65KW

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