



Wire Processing Center (Both Ends; Servo)

RSA-WPC-1802



Processing Sample



Feature

- ▶ Precise control and stable performance guaranteed by all servo motors.
- ▶ Higher flexibility. Modular wire processing can meet various processing requirements.
- ▶ Widely applicable. Up to 8 different wire colors can be processed at the same time and cut length can reach 600mm (more is customized).
- ▶ Improved pass rate guaranteed by CCD visual detection module to recognize the processed wire as good or NG (no good).
- ▶ Crimping force curve by CFM can distinct the defective products and save the labor cost.
- ▶ Terminal extraction force can be set according to wire size to remove defective items, enhancing the product quality.

Specification

Model	RSA-WPC-1802
Function	Wire cutting, stripping, terminal crimping and housing insertion (for End A and End B)
Wire Feeding	Reel cable
Wire O.D.	AWG#30-AWG#18 (suitable for up to 8 different wire colors)
Cutting Length	85-600mm
Cutting Accuracy	±(0.2%*L+1) mm
Stripping Length	End A: 1.0-7.0mm End B: 1.0-8.5mm
Terminal Pitch	1.0-3.96mm
Applicator	OTP applicator
Crimping Press	750W ultra-quiet servo terminal crimping machine
CFM/A	Built-in double channel crimping force monitor
Defective Product	Separate unqualified products from qualified products
Applicable Connector	Multi-pin housing, housing with different pin pitch, double-layer or triple-layer housing
Inspection System	CCD visual systems for end A and end B separately; air pressure detection; wire in-position detection; terminal in-position detection; terminal extraction force detection
Productivity	1600-1700pcs/H (Length=100mm) (depends on the requirements)
Air Source	0.5-0.7Mpa (5-7KG/m ³)
Voltage	220V 50/60HZ (single phase)
Weight	About 750KG±15KG (wire feeder about 150KG)
Wire Feeder Dimension	L1400mm*W800mm*H1300mm
Host Dimension	L2300mm*W1200mm*H1370mm