

Ferrule Terminal Servo Crimping Machine with Marking-Tube Threading

RSM-FCM-2210P



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Feature

- ▶ Clear hot-transfer wire markers.
- ▶ No mould change required for different-size terminals.
- ▶ Strip, twist and feed wire into terminals without reversed strands.
- ▶ Servo-motor crimping automatically adapts to various terminals.
- ▶ Operated via HMI human-machine interface.
- ▶ Auto poke-yoke activation or foot-switch start-up available.
- ▶ Multiple monitorable alarm prompts.



sample

Specification

Model	RSM-FCM-2210P
Production Rate	3.2 sec / wire (cycle time)
Applicable Wires	BVR, RV: 0.5-6.0mm ² ; 0.3mm ² upon custom request. Min. wire-tube distance: 60mm + sleeve length
Terminal Range	0.3-6mm ² ; Insulator ≤11mm, Conductor ≤20mm
Stripping Length	6-30mm (rotary / parallel stripping optional)
Crimp Profile	Quadrilateral (square-like); Hexagon / trapezoid on custom machine
Crimping Force	1.5T servo crimping, crimp height adjustable
Marking Tube	PVC sleeve 0.5-6mm ² , print length 10-40mm. Heat-shrink tube to be confirmed
Printing Method	Ribbon thermal transfer, 110m ribbon roll
Print Function	On-screen input & SD-card Excel / CSV import. Bilingual print; 100 entries per job, max.300 jobs stored
Threading Reminder	Voice alert + small-screen prompt (non-detection function)
Detection Items	Ribbon, marker tube, wire ejection, terminal presence & other runtime checks
Operation Mode	Auto-trigger by wire feeding; foot-switch & manual mode available
Control System	10-inch HMI, electronic + pneumatic control
Power Supply	AC220V/50Hz 10A (single-phase); Internal: DC24V, DC30V, AC30V. Total power:1500W; AC110V optional
Working Air Pressure	0.5-0.6MPa (use clean, dry & stable air source)
Ambient Temp.	0-35℃
Net Weight	140KG
Dimensions	W620 × L660 × H1200 mm