

Spot Winding Machine

RSM-TW-50A



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Feature

- ▶ The Benchtop Fine Wire Spot Taping Machine ingeniously integrates mechanical, inspection and automation technologies to facilitate faster, more efficient and reliable taping of wire harness solder joints and nodes.
- ▶ **Adjustable Winding Turns:** The machine enables 3–5 turns of taping for fine wires.
- ▶ **Reliable Adhesion:** Specially engineered structure ensures secure bonding of the first tape loop, preventing tape pull-off and empty wrapping.
- ▶ **Tape Saving:** Minimum cutting length: 37 mm to minimize tape consumption.
- ▶ **Good Appearance:** Taped surface stays flat with no lifted tape tails after spot wrapping.
- ▶ **High Productivity:** Single taping cycle takes only 2.5 seconds. Built-in taping counter for production tally.
- ▶ **Simple Operation:** Operators simply press the harness into the rotating head and activate the switch to finish taping.
- ▶ **Compact size for easy transportation:**
 1. Blade design with self-cleaning and anti-stick features
 2. Stable and reliable tape adhesion unit to avoid empty wrapping
 3. Robust cutting mechanism for smooth tape cutting
 4. Dedicated taping assembly compatible with tapes of various materials and specifications
 5. Complete safety protection to prevent operator contact with blades
 6. Easy operation and high productivity

Specification

Model	RSM-TW-50A
Dimensions	270×360×380 mm
Input Voltage	220V AC (±10%)
Air Supply Pressure	0.4–0.6 MPa
Max Power	150 W
Tape Width	9–40 mm (Type A) ; 19–55 mm (Type C)
Wire Harness Diameter	Max. 6 mm (Type A) ; Max. 8 mm (Type C)
Tape Winding Turns	3–5 turns or custom
Winding Speed	100–600 rpm
Tape Roll Diameter	≤160 mm or custom
Tape Spool Diameter	38 mm, 76 mm or custom
Tape Material	PVC, fabric fiber, etc.