



▶ TH80-OLE series Online/Robotic Shrinkable Tuber

- Retractable pointy-mouth heater: Best suited for operation in small & complicated spaces
- Enclosed cylindrical heating zone for even temperature & energy savings
- Modular design: Heater/control/tooling all detachable & customizable
- Robotic heating: Able to install on any robotic arm
- Supports sequence control & one-piece flow
- Supports scan input and ultrasonic welder link
- Smart calibration & SCADA



	TH80-OLE1 (for thin wires)	TH80-OLE2 (for thick wires)
Dimensions (mm)	350Wx390Dx170H (combined) 120Wx250Dx130H (heater)	260Wx530Dx290H (heater + tooling)
Weight	15kg (combined), 1.5kg (heater)	5kg (heater + tooling)
Power	600W	1.3 kW, 1.3 – 3.5 kW optional
Heater Size (mm)	Inner Diameter: 40 Length: 100, 130/160 optional	Inner Diameter: 80, 81 – 130 optional Length: 160, 131 – 260 optional
Process Range (mm)	Tube size: D20/L60, D20/L120 (opt) Wire size: D10 max	Tube size: D40/L120, D65/L220 (opt) Wire size: D18 max, optional D30 max
Modular Config	Heater - control: combined/separated, front/back/top operator's panel Heater - tooling: combined/separated, tooling built-in/attached, 3 in 1 tooling(splice, twisted wires, and terminal wires), custom tooling	
Mounting Types	Desktop, motion platform, suspension, robot manipulator	
Basic Functions	Temperature control, heating timer & calibrator, sequence control, one-piece flow control, 1D/2D barcode scan input	
Options	Workpiece cooling, tube centering, networking, smart data processing, CCD based QC	

about us

Trivers Shanghai, established in 2007 by Trivers Australia, has a series of over 10 products in robotic production lines & wire harness assembly automation backed by patents. It is an authorized supplier to several Fortune 500 companies, is an executive member of the Shanghai Robot Alliance, and is a key member of government R&D projects.

Contact Us

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