

CHAMPOMATOR 2.5 Terminating Machine

Features

- Low applied costs
- Terminates most jacketed cable
- Straight (180°) or right-angle (90°) wire dress
- Microprocessor controlled
- Programme storage capability
- Selective termination of connector positions
- Rapid tooling changeover for different connector types



The CHAMPOMATOR 2.5 Terminating Machine is a compact, semiautomatic bench machine for terminating multiconductor, jacketed cable with a variety of Tyco Electronics connectors having insulation displacement contacts.

It is microprocessor controlled, and programmed using a membrane-switch keyboard.

Pertinent information for operation, including diagnostics and error conditions, is displayed on the control module.

The controller's memory can store data for up to 350 cable assemblies; data is automatically retained when the controller is turned off.

The operator can choose to program any number of connector contacts, such as for various RS-232 wiring patterns.

The machine will automatically index the connector through the programmed termination sequence.

The machine is easy to operate.

First, clamp the cable end on the machine and load the appropriate connector. Next, locate the pair of wires corresponding to the connector positions displayed on the control module. Then pull the wires downward - one in each hand on each side of the connector - along a pair of wire guides into the inserter assemblies. When the wires reach bottom, they are automatically terminated and trimmed.

The machine is able to terminate just one wire at a time on either side. The mechanical retention of the wires by the contacts securely holds the wires in place while the cover is attached.

About Tyco Electronics

Tyco Electronics is one of the major business units of Tyco International Ltd. Headquartered in Harrisburg, Pennsylvania, USA, Tyco Electronics is the world's largest passive electronic components manufacturer, and a world leader in cutting-edge wireless technologies, fiber optic active components, and complete power systems.

The company has facilities located in 56 countries serving customers in the aerospace, automotive, computer, communications, consumer electronics, industrial and power industries.

Tyco Electronics provides advanced technology products from over thirty well-known and respected product brands, including Agastat, Alcoswitch, AMP, AMP Netconnect, Buchanan, CoEv, Critchley, Elcon, Elo TouchSystems, HTS, M/A-COM, Madison Cable, OEG, Potter & Brumfield, Raychem, Schrack, Simel and TDI Batteries.