

FFC/FPC Bench Machine

Features

- Operator friendly interface via touch-screen
- Vision system for verification of conductor location
- Integrated crimp force monitoring
- Retrofittable for different products
- Faulty crimp cut off device
- Adaptable circuit fixture
- Applies FFC and FPC, conductor thickness up to 200 µm
- Output: Two crimps per second on a 5.08 mm pitch.

Compatible Tyco Electronics Products

MQS PN 0-0968987-1
Junior Timer PN 0-1241783-1

The FFC/FPC bench machine creates electrical connections between Tyco FFC terminals and flexible flat cables.

Thanks to its adaptable circuit fixture the machine is simple and easy to load. Operator safety is assured by means of a light curtain.

Prior to initialising a crimp cycle, the vision system establishes the precise location of the first conductor track. A positional correction is effected as appropriate.

The equipment combines the functions of terminal feed, cutting the product off the carrier strip, crimping and chopping of the carrier strip. An integrated crimp force monitor ensures high quality crimp connections. Operator interface and error analysis are effected by means of a touch screen.

An optional faulty crimp cut off device prevents the further use of defect circuits.



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.

Editors HN HS WL 08/01 Germany