

SIM 50 IDC Machine for AMP multifitting Mk II

Features

- High output bench machine for discrete wire IDC termination
- Total flexibility
 - processing PCB or tab connectors
 - connectors with internal or external locking
 - wire size range from 0.35 mm² up to 1.5 mm²
- Key-cutting and polarization system
- Possibility to terminate two wires in the same IDC slot (daisy chain)
- Possibility to process single position tab connectors
- Fully integrated quality control system including insertion length and key cutting quality control
- Good bad sorting with reject cutting
- Integrated 180° wire bending system
- Colour marking
- Foolproof operator interface including language selection
- Storage of up to 10 different production programmes
- Low cost maintenance including remote troubleshooting via modem
- Simple and ergonomic operator interface with touch screen control

Compatible Tyco Electronics Products

AMP multifitting Mk II



Technical Data

Dimensions	800 mm (l) x 1740 mm (w) x 1700 mm (h)
Electrical supply:	230 V AC / 50 Hz
Pneumatic supply	min. 600 kPa
Wire cross-section	0.35mm ² - 1.5 mm ² / AWG 22 - 16
Wire diameter	1.2 mm - 3.0 mm
Conductor type	stranded
Wire overhang	35 mm
Cycle time	approx. 1.5 s/ wire depending on operator
Sound pressure level	< 75 dB(A)

This semi-automatic machine has been designed to terminate a sequence of IDC connectors with the same or different numbers of ways.

The polarization of the connectors is carried out in line by the key cutting module of the workstation.

The wires are inserted manually and the machine controls the wire insertion length automatically.

This length and the key cutting is checked by the machine and any rejects are destroyed.

One sequence can contain up to 12 slots in 5 mm pitch.

Not only is it possible to terminate two wires in the same IDC slot with this machine but also to bend single wires 180°.