

Application Tooling (continued)**IDC Workstation –
SIM 50**

This semi-automatic machine was designed for the sequential processing of AMP multifitting Mark II IDC connector system and its variations such as direct and indirect mating connector with interior or exterior locking.

A processing sequence can consist of one or more IDC connectors of the same or different numbers of positions, but a maximum total of 12 positions.

The specific key coding of the connectors is performed during the termination process by an integrated cutting device.

The wires are manually fed into the machine and then automatically terminated.

Integrated control tests ensure a high quality product.

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Past 5

Technical Features

- Processing of all versions of the AMP multifitting Mark II connector system without additional set up time.
- Termination of the wire with active support of the IDC contact.
- Termination of two wires in the same slot is programmable.
- Colour coding on the connector cover possible.
- Wire exit angle can be bent 180°.
- Short set up and change-over times.
- High output.
- Correct wire insertion length and key codings are continually checked.
- Good / bad sorter; faulty connections will be destroyed.
- 50 different production programs can be stored.
- Operator PC interface displaying machine status and production data; different languages available.
- Low maintenance costs and the capability of off-site troubleshooting via modem.
- Ergonomic and easy to operate through a Touch Screen Display.

Technical Data

- Power Supply:**
230 V AC, 50 Hz
- Air Pressure:**
6 bar
- Wire Size Range:**
0.35 mm² up to 1.5 mm²
- Insulation Diameter Range:**
1.2 mm up to 3.0 mm
- Wire Type:**
Stranded conductors

Processing Modules of the SIM 50