



## IDC BENCHTOP MACHINE FOR AMP DUOPLUG 2.5 CONNECTORS

### FEATURES

- Single wire termination of AMP DUOPLUG 2.5 IDC connectors
- Both semiautomatic and fully automatic connector loading systems available (above image shows version with fully automatic feed)
- Optional testing systems to ensure termination quality according to TE specifications

**The IDC Benchtop is a compact tabletop machine for processing AMP DUOPLUG 2.5 connectors.**

Designed for small to medium volumes, the IDC Benchtop is equipped with all necessary functions for spec-compliant processing of AMP DUOPLUG 2.5 connectors.

This machine loads connectors delivered on trays and positions the connectors for termination with hand-held wires.

After each wire is pressed into the IDC slot using single wire termination, the machine cuts the coding-ribs in accordance with the input coding, separates the covers from the connectors, places them into the housings, terminates the manually inserted wire and provides the finished contacted and processed connectors in the out-feed for manual removal by the operator.

On the basic version of the IDC Benchtop machine the staging of the connector and the transport tray are done manually by the operator.

TE also offers an optional automatic feeding unit which automates the staging of the connectors and tray.

Other available options include the integration of testing stations for wire insertion length check and a testing station for keying ribs.

## Appliances

### IDC Benchtop Machine for AMP DUOPLUG 2.5 Connectors

#### TECHNICAL DATA

- Electrical supply
  - 230 V AC, 50 Hz
- Pneumatic supply
  - 600 kPa (6 bar)
- Cycle time
  - Approx. 2 sec. per wire, dependent on operator skill
- Dimensions D x W x H [mm]
  - Approx. 1450 x 650 x 700
- Weight
  - Approx. 100 kg

#### BASIC CONFIGURATION

- Semi-automatic connector feeding from transport trays
- Key rib cutting/codification of connector
- Cover closing
- Outfeed
- Touch screen

#### AVAILABLE OPTIONS

- Automatic connector delivery from tray
- Wire insertion length check
- Keying ribs/codification check

#### APPLICABLE TE CONNECTORS

- AMP DUOPLUG 2.5  
Application Specification:
  - Standard version (3-20) 114-18049
  - PCB Locking (3-16) 114-18049
  - Side Locking (3-14) 114-18049

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