



## Test station for cable harnesses

### Product description

This system is a manually loaded test station for the final testing of cable harnesses. The optical tests are carried out using built-in industrial cameras. At the same time, the electrical tests are carried out using PC-controlled measurement technology. The parts tested as OK are labelled with the laser integrated in the test cell.

### Field of application

Quality control and end-of-line test in the production/manufacturing area



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### Technical data

#### Test bench / device

- Test table with aluminium tube overhang
- Test cell on the test table
  - 4x camera
  - Barcode scanner
  - Marking laser
  - Suction for laser smoke
  - Contactings

#### Software

- TST-WIN under Windows
  - On-Line Visualization Measurement Process
  - On-Line Visualization Camera Images
  - Visualization of measurement curves on the monitor
  - Parameterizable image processing
  - All settings and processes menu-guided freely programmable
  - Extensive possibilities for controlling the process and the measurements
  - Various evaluation and statistical possibilities, data export
- Database server for process data evaluation

#### Scope of testing

- Optical inspection
  - component inspection
  - Position NTC and alignment
  - DMC labeling
- Electrical testing
  - Cable test cross-over/passage
  - component testing
  - variant check
  - Dimension Plug locking
- Laser marking CO2
  - DataMatrixCode Serial number

Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> <li>• 2x monitor</li> <li>• Start button/stop button</li> <li>• Acoustic transmitters</li> <li>• Label printer</li> </ul>	<ul style="list-style-type: none"> <li>• Approx. 1800x2200x800 mm (WxHxD) Weight approx. 375 kg</li> </ul>
Test time	Exemplarily device type
<ul style="list-style-type: none"> <li>• Individual, depending on test scope</li> </ul>	<ul style="list-style-type: none"> <li>• 114 5103</li> </ul>