

Crimping Line

Pull Tester PT 2500

Testing device for the pull force measurement



Pulltester PT 2500

The **Pulltester PT 2500** is an innovative motorised pulltester to check the tensile strength of crimp connections, splice connections etc. Due to the modern colour screen the result can be displayed as value and also as a graphic chart. The graphic presentation of the force/length diagram facilitates the rating of the material performance during the pull test. The measurement is recorded length and time synchronously and presented as a high-resolution graph on the display. Thanks to the modern touch screen no additional PC is needed for displaying the results and operating the machine.

Performance features

- Path and time synchronous measurement and graphic presentation of the curves in real time
- Displaying of all relevant measuring data, for instance minima, maxima etc.
- Measuring range from 0 to 2500 N
- Speed-controlled motor guarantees steady pull rates up to 300 mm/min.
- Touch screen 7" with intuitive and multilingual operating possibility
- Independently useable test device without requesting an additional PC
- Safety cover with magnetic safety switch



Universal clamping jaws for different sizes of crimps



"Your monitoring specialist"
certified ISO 9001 + ISO 14001

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Further performance features

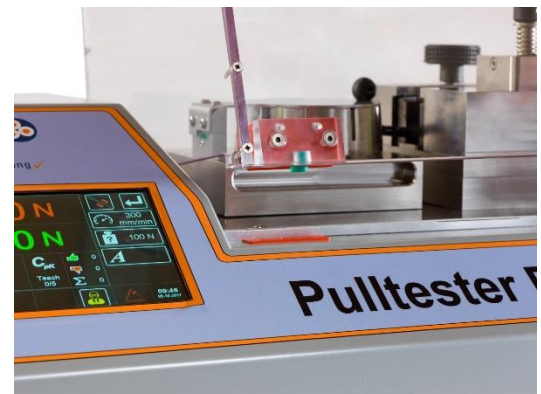
- ⊗ Easy-going quick start for the tests during production
- ⊗ Possibility to generate individual measuring procedures according to application
- ⊗ Option for serial measurements in table format or for detailed measurements with complete sets of measuring points
- ⊗ Measurements can be stored directly in the Pulltester
- ⊗ Interfaces for export or import of data
- ⊗ Measurement data can be imported in Excel as .csv file
- ⊗ Multiple options like languages, system of units (metric/imperial or N/kgf/lbf), etc.
- ⊗ User ID via password entry
- ⊗ Universal use due to a flexible mount for the sample holder
- ⊗ Changing of sample holder in a few simple steps



Presentation of the graphs in real time directly in the display

Possible test routines

- 1) Pull till break
- 2) Pull till defined force and hold force
- 3) Pull till defined force and hold length
- 4) Pull till defined force and release



Safety shut-down if the cover is opened

Technical data

- ⊗ Max. pull force 10 - 2500N
- ⊗ Pull speed 25 – 300mm/min. (continuously variable)
- ⊗ Resolution (force/length) 0.01 N / 0.02mm
- ⊗ Measurement error <0.5% F.S.
- ⊗ Pull stroke 150mm
- ⊗ Power supply 100 – 240 V / 50/60 Hz
- ⊗ Power consumption max. 390W
- ⊗ Dimensions (W x D x H) 790 x 370 x 325 mm
- ⊗ Weight approx. 60 kg