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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/time diagram facilitates the rating of the material performance during the pull test. The measurement is recorded way 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



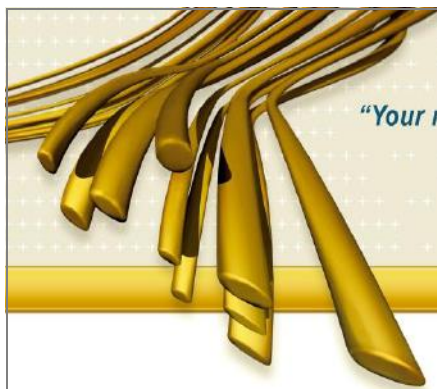
Universal clamping jaws for different sizes of crimps



Quality Management
Environmental Management
ISO 9001
ISO 14001
www.dekra-seal.com

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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/kp), etc.
- User ID via password entry
- Universal use due to a flexible mount for the sample holder
- Changing of sample holder with few hand grips



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 way
- 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/position)	0.1 N / 0.01mm
•	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



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