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## Crimping Line

# Pull Tester PT 2500

Testing device for the pull force measurement



*Pulltester PT 2500*

Der **Pulltester PT 2500** is an innovative motorised pulltester to check the tensile strength of crimp connections, splice connections etc. The measurement result does not only show whether the test has been passed or not, the graphical display of the force/path diagram allows also to draw conclusions about the pull-break behavior of the crimp. The measurement is recorded path 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 (alt. 5000 N)
- Speed-controlled motor guarantees even pull rates up to 300 mm/min.
- Modern touch screen with intuitive and multilingual operating possibility
- Independent useable checking device without requesting an additional PC



Quality Management  
ISO 9001  
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ISO 14001  
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## Crimping Line

### Further performance features

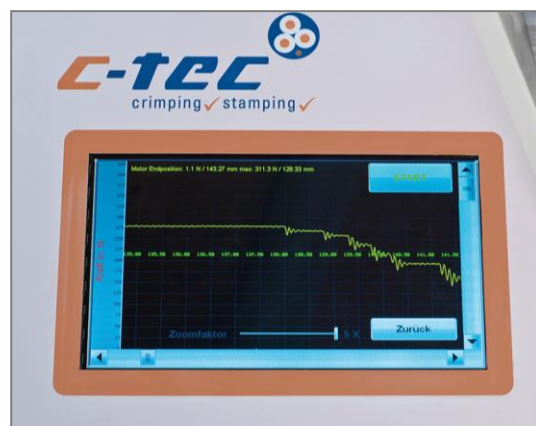
- Easygoing quick start for the tests during production
- Possibility to generate individual measuring procedures according to application
- Measurements can be stored directly in the pulltester
- Interfaces for export or import of data
- Option for serial measurements in table format or for detailed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



Universal clamping jaws for different sizes of crimps

### 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



Presentation of the graphs in real time directly in the display

### Technical data

max. capacity	2500 N	5000 N
max. speed range	up to 300 mm/min.	up to 250 mm/min.
Resolution (force/path)	0.1 N / 0.01mm	
Measurement error	<0.5% F.S.	
Power supply	100 – 240 V / 50/60 Hz	
Power consumption	max. 390W	
Dimensions (W x D x H)	790 x 344 x 210 mm	
Weight	c. 20 kg	