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## Crimping Line

# Automatic Pull Tester PT-X

Motorised pull tester for crimp connections



Pull tester PT-X is available in the variants 250, 500 and 1000

The **pull tester PT-X** is used to test crimp connections and to determine pull-out forces. The crimped connector and the cable are clamped (usually between the insulation and wire crimp) and pulled apart. Depending on the desired test mode, the connection is either destroyed or only loaded up to a set value. The result obtained is shown on the display and can be transferred to a PC.

## Performance features

- Display of the pulling force as a numerical value in real time on the touchscreen
- 2 test modes selectable: pull to break and hold force/time
- Storage option for 16 test programs
- Intermediate storage of the last 5 test results
- Results can be transferred to a PC
- Stable and precise measurement due to motorized drive
- Optional PT-Viewer software available



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### Further performance features

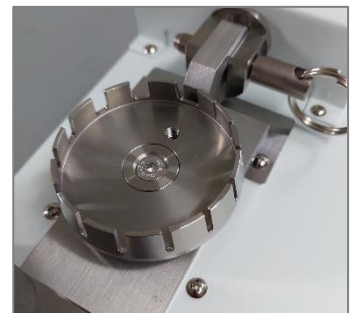
- ⊗ Wire-wire (joint) pull force test is also possible
- ⊗ Peak force can be displayed in N, lb or kgf
- ⊗ Two different terminal clampers (wedge clamp and clamping bell) included in standard delivery
- ⊗ Simple operation via touchscreen
- ⊗ Adjustable pulling speed
- ⊗ Very quiet motor
- ⊗ Compact dimensions
- ⊗ Calibration certificate available on request



Firm fixing of the sample on the crimp and cable side

### Available models

- ⊗ PT-X 250 for 250 N maximum force
- ⊗ PT-X 500 for 500 N maximum force
- ⊗ PT-X 1000 for 1000 N maximum force



Clamping crown with 14 slots

### Technical data

Variant	PT-X 250	PT-X 500	PT-X 1000
⊗ Maximal force	250 N	500 N	1000 N
⊗ Measurement accuracy +/-1% F.S.	+/- 2.5 N (+/-1% F.S.)	+/- 5 N (+/-1% F.S.)	+/- 5 N (+/-0.5% F.S.)
⊗ Measurement unit		N, lb or kgf	
⊗ Measurement resolution		0.1 N	
⊗ Pull stroke		60mm	
⊗ Min. cable length of sample		80mm	
⊗ Cable cross section range of cable clamber	0.13mm <sup>2</sup> - 5.0mm <sup>2</sup> (standard insulation)		
⊗ Speed range (adjustable)	25 / 50 / 100 / 200 mm/min		
⊗ Interfaces	USB, RS232C		
⊗ Power supply and consumption	100 – 240 V AC / 50 W		
⊗ Dimensions (WxDxH)	180 x 375 x 140mm		
⊗ Weight	ca. 11.5 kg		