



"Your monitoring specialist"
certified ISO 9001 + ISO 14001



Crimping Line

Automatic Pull Tester APT 250, 500, 1000

Motorised pull tester for crimp connections



Pull tester types APT 250, APT 500 and APT 1000

The **Pull tester series APT** consists of three force variants of motorised pull force test devices. In each variant there is a choice between three different speed ranges. **APT pull tester** are used for the destructive pull tests of crimp connections. Thereby the crimp connector is pulled off from the cable. The connector and the cable will be destroyed between insulation crimp and wire crimp in most cases. The peak value of the measuring is indicated in the display. Depending on the requirements different pull speeds are available. The test results can be transmitted to a PC via RS232 interface. Also the pull off curve can be monitored on the PC.

Performance features

- Firm fixing of the terminal at crimp and cable sides
- Displaying of the pull force values in real-time mode on the device display
- Transmission of the results to a PC is possible
- Motor drive causes a stable and exact measurement
- Infinitely variable pull speeds (in a given range)



Wire clampe for cable



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

C-tec Cable technologies GmbH & Co.KG
Ilztalstraße 11
D-94513 Schoenberg
Tel.: +49 (0) 8554 – 94 23 9-0
Fax: +49 (0) 8554 – 94 23 9-20

eMail: info@cable-tec.net
www.cable-tec.net



"Your monitoring specialist"
certified ISO 9001 + ISO 14001



Crimping Line

Further performance features

- Wire-wire (joint) pull force test is possible, too
- Peak force can be displayed in N, lb or kgf
- Two different terminal clampers included in standard delivery
- Simple handling
- Compact dimensions
- Calibration certificate available on request
- PC software on Windows basis available



Wedge gripper (standard clamp)

Available models

- APT 250 for 250 N maximum force
- APT 500 for 500 N maximum force
- APT 1000 for 1000 N maximum force
- Three different pull speed ranges available for order
(25-50 / 50-100 / 100-200 mm/min)



Clamping crown with 14 slots

Technical data

Variant	APT 250	APT 500	APT 1000
• Maximal force	25 N - 250 N	50 N - 500 N	100 N - 1000 N
• Measurement accuracy +/-1% F.S.	+/- 2.5 N	+/- 5 N	+/- 10 N
• Measurement unit		N, lb or kgf	
• Measurement resolution		0.1 N	
• Pull stroke		48mm	
• Min. cable length of sample		80mm	
• Cable cross section range of cable clamber	0.13mm ² - 5.0mm ² (standard insulation)		
• Speed range (optional at order)		25 - 50 mm/min 50 - 100 mm/min 100 - 200 mm/min	
• Interfaces		RS232C, I/O interface	
• Power supply and consumption		100 - 240 V AC / 19.2 VA	
• Dimensions (WxDxH)		180 x 285 x 170 mm	
• Weight		approx. 11 kg	



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

C-tec Cable technologies GmbH & Co.KG
Ilztalstraße 11
D-94513 Schoenberg
Tel.: +49 (0) 8554 - 94 23 9-0
Fax: +49 (0) 8554 - 94 23 9-20

eMail: info@cable-tec.net
www.cable-tec.net