



colour
touch-screen
with
force-time
curve

EPT 1000

Pull Tester

- Touch-screen
- User-friendly menu navigation
- Ergonomic clamp arrangement
- Variable-speed motor for constant pull-speed
- Variable pull speeds 25, 50 & 100 mm/min
- Extra-long displacement path
- Destructive & non-destructive tests
- USB interface
- SD card slot



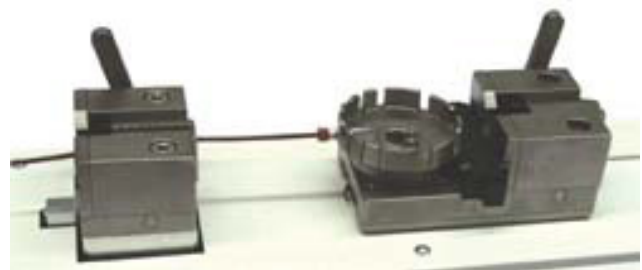
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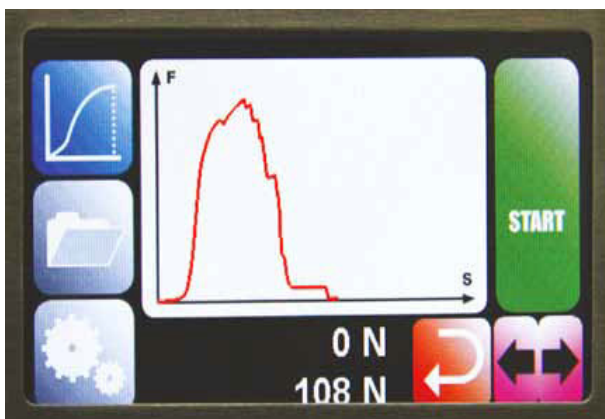
Ergonomic use of the device

The EPT 1000 is a **motorized pull tester** for measurement of the pull forces in crimp connections and peeling forces in welding joints. The device has a measurement range of up to 1000 N. The measured values can be displayed in N, kgf and lbf. A speed-controlled motor guarantees **a constant pull speed**. There are three pull speed settings: 25, 50 and 100 mm/min.

The horizontal holder arrangement guarantees **ergonomic use of the device**. The samples are held in a rotating interchangeable holder, supplied as standard. Simple rotation of the holder enables use of the adapter with 12 different slot widths or of the clamp. Therefore the unit can be used for practically all required cable processing tests (standard IEC 60352-2).



65.536-colour touch-screen



The straightforward design of the user interface with a **colour touch-screen** and **intuitive menu navigation** simplifies operation and enables reproducible test results. The **force-time characteristic** is displayed as a **curve on the screen**. The measured values can be saved to a SD card and retrieved later. This also enables statistical analyses to be carried out on the device.

The EPT 1000 pull tester can be connected via the existing USB interface.



Technical data

Measurement range:	0 - 1000 N
Measurement unit:	N, kgf, lbf
Display:	65.536-colour touch-screen
Sensor accuracy:	1% from end of measurement range
Operating temperature:	0 - 40° C
Max. displacement:	157 mm
Speed control:	variable, 3 speeds 25, 50 und 100 mm/min
Pull methods:	<ul style="list-style-type: none"> Pull and pull-off (destructive) Pull and hold up to a defined force and duration Pull and release up to a defined force Pull and hold at defined force and duration, then pull off
Measure value storage device:	SD card (up to 32 GB)
Graphical display:	force-time curve on screen
Ingress protection:	IP 20
Interfaces:	USB
Power supply:	230 V/AC
Weight:	11,5 kg
Dimensions (WxDxH):	450 x 185 x 170 mm
CE-conformity:	Device conforms fully to CE- and EMC machinery directives

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