



## **PullTester 26T**

**Benchtop device to measure pull forces of wire crimp connections**

- Real-time force diagram
- Adjustable pulling speeds
- Extended pulling modes for destructive, cyclic and nondestructive tests
- User-friendly 7-inch color touchscreen
- New user interface for simple handling
- Storage of forces, curves, statistics and measured values

QUALITY CONTROL

# PullTester 26T

## Concept

The PullTester 26T is a motor-driven benchtop device designed to ensure the critical pull-force values of crimped, welded, plugged and other connections for quality control and assurance. The measuring range of the PullTester 26T is divided into two separately calibratable levels, measures pull-off forces up to 200 and 1000 N with uniform and constant pulling speed and thus ensures extremely reliable measuring results. The standard 12-position contacting allows the testing of most applications in these measuring ranges. Other holding fixtures are available on request according to specification.

Thanks to the PullTester 26T, companies can keep their quality standards constant and guarantee their customers the safety of crimped products. The device is easy to install and use: The 7-inch color touchscreen, which displays the pull-off curve in real time during the entire work process, allows data and measurement tasks for different crimp connections to be entered easily and comfortably. Pull-off values, pull-off curves, statistics, jobs and measurements can be stored in the internal memory.

## Modern and simple handling

- Quick, simple mode for single pull tests
- Library mode for the creation and loading of various test settings
- Loading of work processes with barcode scanner
- User guidance for easy operation

## Real-time force diagram

- Enables early detection of faulty tests, allowing operating time savings
- Interfaces for data and setup exchange
  - RS 232 interface for connection to label printer
  - Ethernet and USB

## 7-inch color touchscreen

- Extended pulling modes for destructive, nondestructive and cyclic tests
- Simple setting of functions via control box
- Internal memory for storing forces, curves, statistics and measured values
- Various operator levels for production, setup and maintenance

Technical Specifications	
Measurement Range	Level 1: 200 N Level 2: 1.000 N
Unit of Measure	Newton (N), kiloponds (Kp), pound force (lbf.)
Pressure Precision	Level 1: ± 0.015 N Level 2: ± 0.030 N
Measuring Tolerance	Level 1: ± 0.5% of measuring range end Level 2: ± 0.5% of measuring range end
Operating Temperature	0 – 50°C
Stroke	43 mm (1.69")
Pulling Speed	4 speeds: 25, 50, 100 and 200 mm/min. (0.98, 1.97, 3.94 and 7.87"/min.)
Power Supply	24 VDC
Device Data Memory	8 GB (µSD)
Interfaces	Ethernet (10/100BaseT), RS232- and USB interface
Weight	Ca. 8 kg (18 lbs)
Printing Options	RS232 direct interface to printer
Dimensions (L x W x H)	405 x 205 x 130 mm (15.9 x 8 x 5")
User Interface	7-inch color touchscreen
Pulling Modes	Nondestructive tests: - Pull + Hold: Pull to a specified force and hold for a desired period of time - Pull + Return: Pull to a specified force and return to start position  Cyclic tests: - Repeat the „Pull + Back“ process. The number of repetitions is fully configurable.  Destructive tests: - Pull + Break: Normal pull test until wire breaks - Pull + Hold + Break: Pull to a specified force, hold for a desired period of time and pull until wire breaks
CE Conformity	The PullTester 26T fully complies with all CE and EMC equipment guidelines relative to mechanical and electrical safety and electromagnetic compatibility.