



# WIRETEST T1

## Wire testing



### Manual terminal and wire tester

Ideal for testing pull force on terminals, the WIRETEST T1 system measures the break forces for terminals up to 1,000N. The test stand TEX 555 features a reversible arm to pull on the terminal, small footprint, durable design and portable. The force gauge can be set to beep as soon as the necessary force has been reached. The operator then stops the wire pull test without reaching the pull-out force.

Mounted with a carousel, the WIRETEST T1 can be used to test cables from AWG24 to AWG3 (with no insulation) without changing the holding fixture. The operator saves time and the tester is always operational. Ready to use, supplied with a self-closing wedge clamp and a carousel for all standard terminals.

### Included accessories



#### Wire terminal fixture:

Our accessory carousel is designed for maintaining crimp terminals during quality tensile tests to determine the break force of crimps, stands up to a crimping force of 1,000 N. It can be used with all types of crimp terminals but also for crimp pins or crimp sleeves fitted to the beams and electrical harnesses. With its 15 slots with various openings, the operator may test the cable with a size between AWG24 to AWG3 without changing the holding accessory.

#### Self-closing wedge clamp:

The self-closing wedge clamp is used to maintain wires, cables and terminals during tensile tests. Designed to increase the clamping force as the tensile force increases. It prevents any slippage of the cable inside the grip. With a maximum opening of 5 mm and a fast opening system, our self-closing wedge clamps can test easily all types of cables.



#### System includes:

- Force gauge Centor Easy with internal sensor capacity 500N or 1,000N
- Test stand TEX555
- Carousel for terminal
- Self-closing wedge clamp
- Certificate of calibration traceable to COFRAC

### Models and capacities

SPECIFICATIONS	WIRETEST T1-500	WIRETEST T1-1000
Capacity	0 - 500 N	0 - 1000N
Accuracy	0.5 N	1 N
Resolution	0.05 N	0.1 N
Travel	150 mm	150 mm
Cable diameter with no insulation	5 mm	6,3 mm
Cable maximum length	300 mm	300 mm

### Specifications

FEATURES	WIRETEST T1	FEATURES	WIRETEST T1
Accuracy	0,1 % FS	RS232 output	Send current reading, peak or minimum
Resolution	1/10 000 FS	Fast charge	✓
Display peak and current reading in the same time	✓	Reversible display	✓
Units	N, Lb, Kg, g, Oz	Digimatic output	✓
Bargraph	✓	Backlit display	✓
Sampling rate	1 000 Hertz	Sensor protected from overloads up to 200% of its capacity	✓
Tare	✓	Operates on rechargeable batteries	✓
Auto-off	Adjustable from 5 to 15 min	Operation without recharging	8 hours
Force limit	✓	Metal casing	✓
Average and standard deviation	✓	Protective elastomer overmould	✓
Low battery indicator	✓	Power supply	110V / 220V
Peak in tension and compression	✓		
Memory for setup	✓		

# WIRETEST TI Wire testing



## Options - Accessories

## Optional software



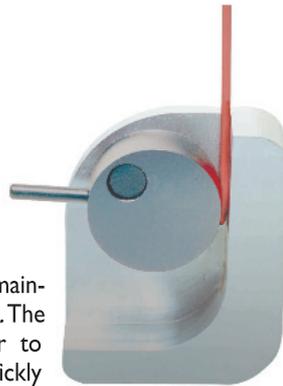
### Optional two self-closing wedge clamps:

For tensile tests on cables without terminals or if the terminals don't fit into the carrousel fixture, the WIRETEST TI can be mounted with two self-closing wedge clamps.

### Eccentric clamp:

This eccentric clamp is used to maintain without damaging the cable. The movement system allows lever to tighten and release the cable quickly without effort.

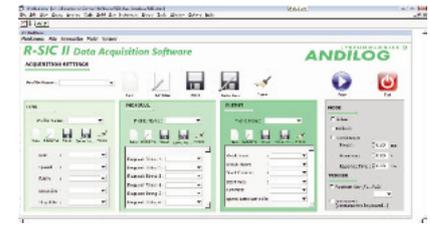
Designed for tensile tests up to 500 N, the clamping system prevents slippage of the sheath and ensure proper fixing of the cable.



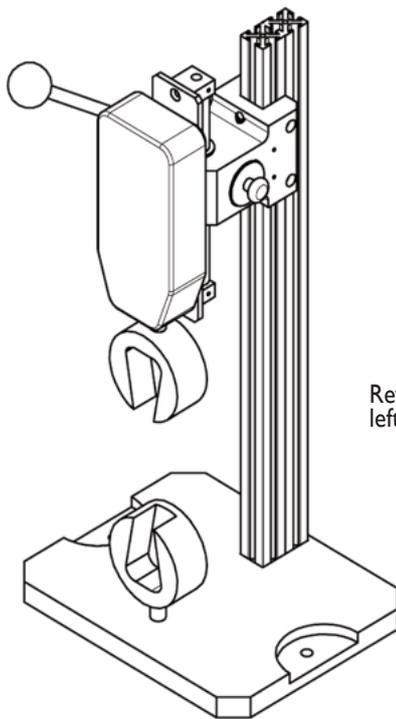
Caligraph software compatible: Data acquisition and analysis of curves with real time graphing thru RS232 or USB.



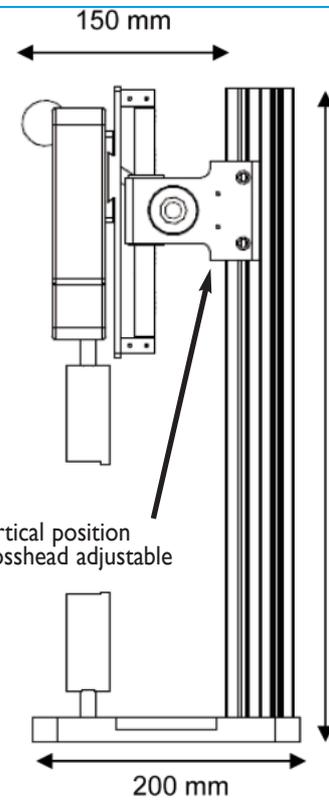
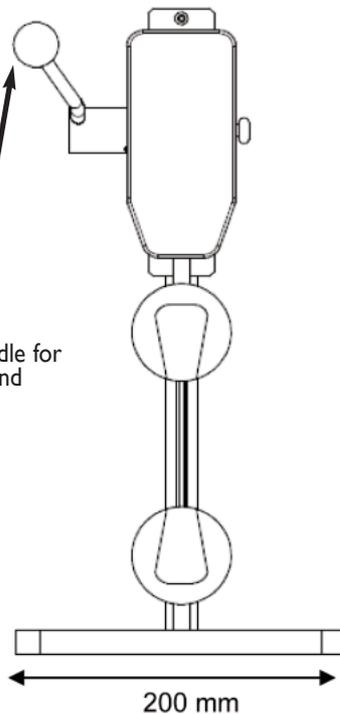
RSIC software compatible : Download your results to Microsoft Excel using your RS232 comport.



## Dimensions



Reversible handle for left or right hand



Vertical position crosshead adjustable