



WIRETEST I

Cable testing

COM-TEN
INDUSTRIES



Manual terminal tester

Ideal for test on small cross-sections, the WIRETEST I instrument measures the pull-out forces or crimp forces for terminals up to 100 lb. With its two lines display, the operator can see the current value and the peak force in the same time. The high accuracy 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. It can also be connected to a computer using RS232 to download the tensile test results. Ready to use, supplied with a basic excentric fixture for wire and a carousel suitable for all standart terminals.

System includes:

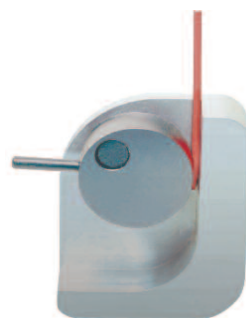
- Force gauge Centor Easy with internal sensor capacity 100 lb
- Test stand BAT750
- Corrousel for terminal
- Eccentric clamp
- Certificate of calibration traceable to NIST

Accessories included

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 100 lb. 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 8 slots with various openings, the operator may test the cable with a size between AWG24 to AWG14 without changing the holding accessory.



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 100 lb, the clamping system prevents slippage of the sheath and ensure proper fixing of the cable.

Model and capacity

SPECIFICATIONS	WIRETEST I
Capacity	0 - 100 lb
Accuracy	0.1 lb
Resolution	0.01lb
Travel	8 in
Cable maximum diameter	0.2 in
Cable maximum length	8 in

Specifications

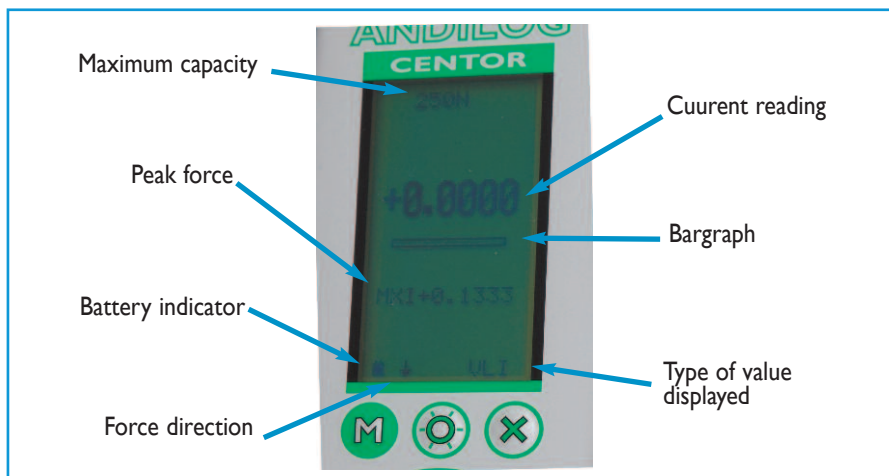
FEATURES	WIRETEST I	FEATURES	WIRETEST I
Accuracy	0,1 % PE	RS232 output	Send current reading,, peak or minimum
Resolution	1/10 000 PE	Fast charge	✓
Display peak and current reading in the same time	✓	Reversible display	✓
Units	N, Lb, Kg, g, Oz	Digimatic output	✓
Bargraph	✓	Backlit display	✓
Sampling rate	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	✓		

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Display



Optional accessories



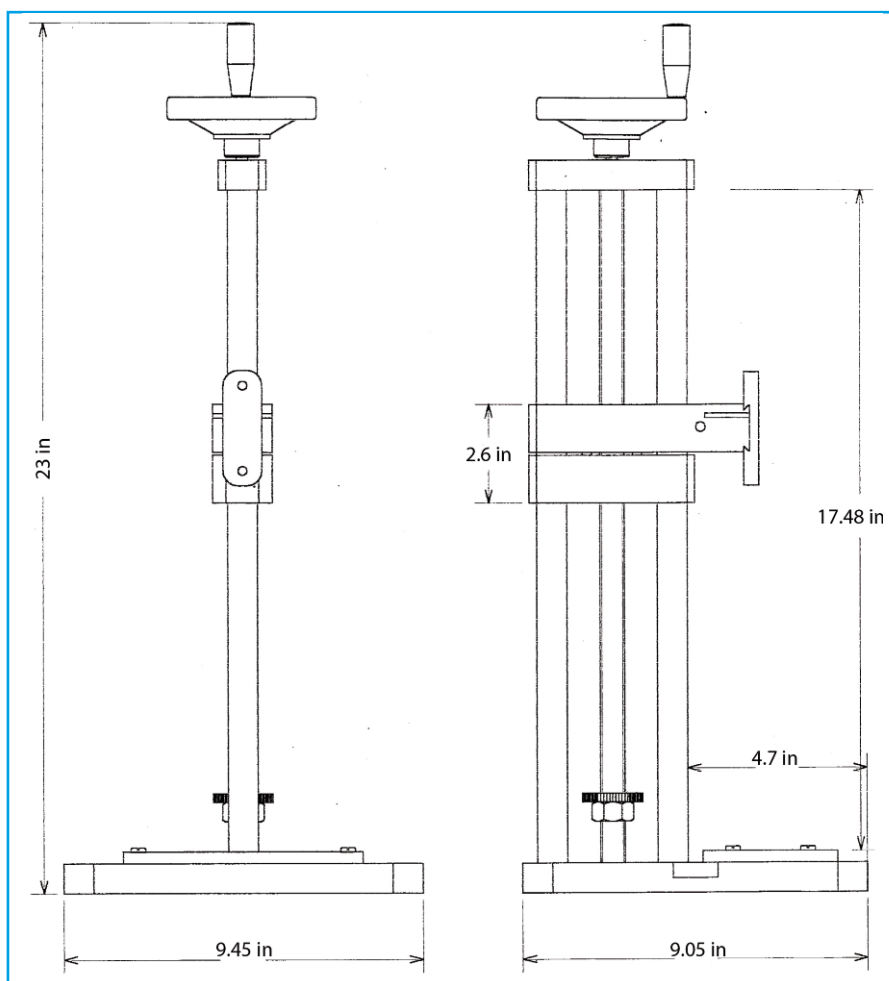
Optional self-closing wedge clamp:

A self-closing wedge clamp can replace the eccentric clamp when it is necessary. It 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 maximal opening of 0.2 in and a fast opening system, our self-closing wedge clamps can test easily all types of cables.

Maximum capacity 100 lb, opening 0.2 in

Dimensions

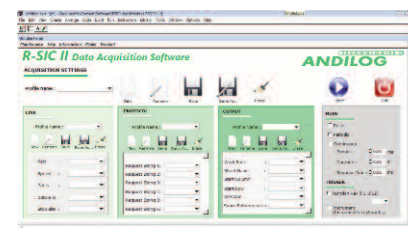


Optional software

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.



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Certifié ISO 9001:2008

COM-TEN Industries

6405 49th Street North

Pinellas Park, FL, 33781 - USA

sales@com-ten.com • www.com-ten.com

Tel.: +1 727-520-1200 • Fax: +1 727-520-0299