

Wire Terminal Strength Tester WTST 2.5 kN

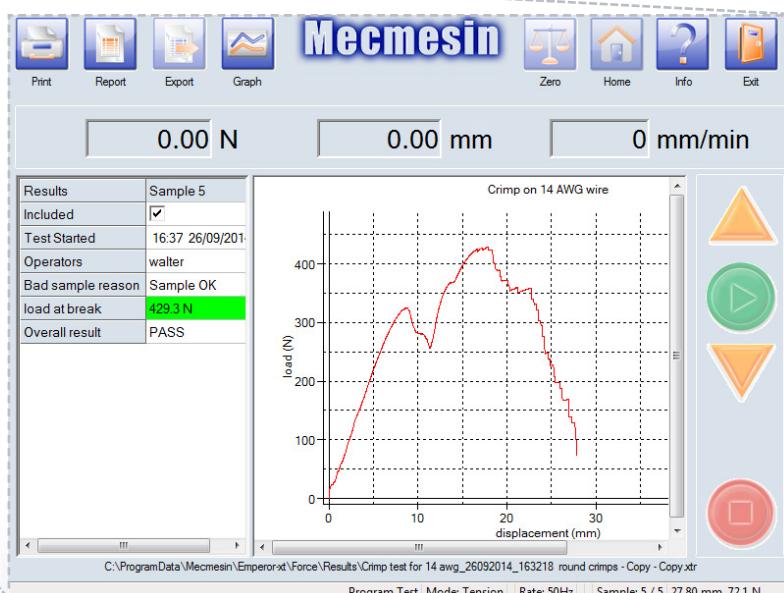
Description

The Mecmesin Wire Terminal Strength Tester (WTST 2.5 kN) provides high accuracy, test repeatability, and reliability of results, and features an easily-operated touch screen display for fast, efficient, routine production floor testing.

International test standards generally stipulate that terminals must be pulled to destruction at a uniform pull speed of 25 to 50 mm/min, or to hold at sustained load for a defined period. This requires the use of a motorised test system, for which the Mecmesin WTST series is ideal.

Key Features

- Simple operation, minimal training required
- One touch program selection, one touch to test
- Automatic break detection and return
- Clear pass/fail indication
- Hold to a load
- Live graph and results display
- Calculations and basic statistics
- Full report and data export
- Rugged, clear touch screen for production environment

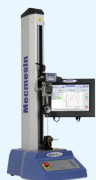




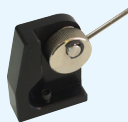


Graph and results displayed live on the touch-screen controller

Contact Mecmesin today

e: sales@mecmesin.com • t: +44 (0) 1403 799979 • www.mecmesin.com

The WTST 2.5 kN comprises:

Stand	Description	Gauge*	Description
	<ul style="list-style-type: none"> 2.5 kN console-controlled test stand Speed range: 1 to 1000 mm/min (0.04 to 40 in/min) Programs called by a single touch, single screen touch to test Automatic return at break 		<ul style="list-style-type: none"> 2.5 kN (550 lbf) intelligent S-beam loadcell Accurate to $\pm 0.2\%$ f.s. Lower capacity loadcells are available

Accessories	Description
	1 kN rotating crimp receptacle A versatile crimp termination holder that accommodates a wide range of terminals. Rotates to fit 8 cable diameters, 1.5 to 5 mm. Used for BS 5G 178-1 and equivalent international standard test methods. (Part no. 432-379)
	1 kN cable cam grip For holding insulated cables and wire to 5 mm diameter. The sample is secured by the cam, which self-tightens as load is applied and spreads the load evenly. (Part no. 432-390)
	5 kN wedge grip Ideal for gripping terminal blades. As load is applied, the wedge action of the jaws ensures the sample is held rigidly without slippage. Max. jaw capacity 8 mm. (Part no. 432-398)
	50 N adjustable test hook Used for securely holding smaller crimp terminals for tests to BSI spec. BS 5G 178 Part 1 and equivalent international standards. (Part no. 432-380)

Related Applications

The versatile WTST 2.5 kN is also ideally suited for:

- Terminal insertion/withdrawal testing
- Pull tests on cable ties

Testimonials

Mecmesin has been supplying wire terminal strength testers around the world for over 35 years, to companies from automotive, aerospace, electronics, packaging, textile & associated industries - **contact us to see how we can help you.**

Yazaki Europe, supplier of automotive components

'To survive in the automotive business today, we need partners that fully understand Total Cost Performance when supplying to this industry. Mecmesin was able to respond to our needs by supporting our standardisation initiatives, lowering costs, supplying direct, and providing initial excellent technical support to enable our factories to be self-sufficient.'

Fernando Cadilhe, Global Procurement

Cyprium Ltd, design and produce customised wiring harness systems for sports cars

"We have been very satisfied with our purchase of the Mecmesin test system, it has become an essential part of our quality control system and allows us to calibrate our tooling and ensure our product is as reliable as possible in the severe environment of motorsport"

Nigel Barber, Senior Engineer

Mecmesin reserves the right to alter equipment specifications without prior notice. E&OE



FS 58553



Head Office - UK Mecmesin Limited

w: www.mecmesin.com
e: sales@mecmesin.com

North America Mecmesin Corporation

w: www.mecmesincorp.com
e: info@mecmesincorp.com

France Mecmesin France

w: www.mecmesin.fr
e: contact@mecmesin.fr

Asia Mecmesin Asia Co., Ltd

w: www.mecmesinasia.com
e: sales@mecmesinasia.com

Germany Mecmesin GmbH

w: www.mecmesin.de
e: info@mecmesin.de

China Mecmesin (Shanghai) Pte Ltd

w: www.mecmesin.cn
e: sales@mecmesin.cn

Visit us at www.mecmesin.com

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