

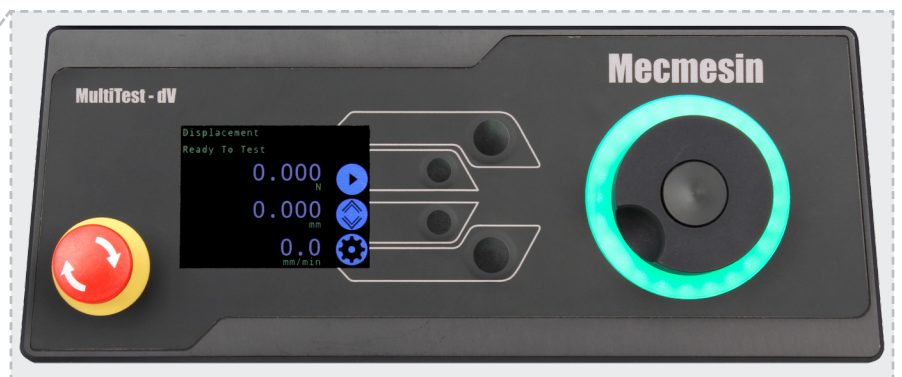
Wire Terminal Strength Tester WTST-dV 2.5 kN

Description

Our entry-level Wire Terminal Strength Tester (WTST-dV 2.5 kN) provides a cost-effective solution for performing pull-off load tests on crimped or ultrasonically-welded joints. International test standards generally stipulate that terminals must be pulled to destruction at a uniform pull speed of 25 to 50 mm/min, which requires the use of a motorised test system. The WTST-dV 2.5 kN ensures that these requirements are met, providing high accuracy with repeatability and reliability of results.

Key Features



- Simple to operate: just four buttons, and precision wheel for all settings
- Single button press to test
- Automatic return at break
- Clear colour display of load, displacement and speed
- Pass/fail indicator lights and alarm on gauge
- Single cycle test mode for fast test throughput
- Suitable for wires with a maximum diameter of 7 mm (AWG 4 to 40) in crimp or splice formations
- Suitable for typical tab sizes 2.8 to 9.5 mm wide
- Rugged design with small footprint


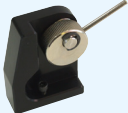




Contact Mecmesin today

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

The WTST-dV 2.5 kN comprises:

Stand	Description	Gauge*	Description
	<ul style="list-style-type: none"> 2.5 kN motorised test stand Speed range: 0.1 to 1200 mm/min (0.004 to 47.2 in/min) Single button press to test Automatic return at break 		<ul style="list-style-type: none"> 2.5 kN digital force gauge Accurate to ± 2.5 N Lower capacity force gauges also 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)

Many other optional accessories are available, including custom-designed fittings.

Related Applications

The versatile WTST-dV 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

datasheet ref: 431-469-01