

MARK-10

LOW COST MINI TENSILE TESTING MACHINES

Mark-10 Corporation is a manufacturer of force and torque measuring instruments, servicing several industries, including automotive, textile, pharmaceutical, packaging, food, and many others.

Available from IDM Instruments Pty Ltd, the ESM motorised test stand offers precise and complete testing solutions for most compression and tensile testing applications up to 1kN.

A major benefit is its modular design, as it can be configured into many positions. It is compatible with all Mark-10 force gauges, as well as fixtures, which allow a wide selection of testing procedures.

The speed of the test stand is adjustable in up and down directions, driven by the remote control unit, for added safety. There is also a manual fine knob and a stepper motor, which prevents speed variation with load, for precise and repeatable testing. Several options can be included with the ESM stand for added versatility

Package 1

Mini Tensile Testing Package

- ESME Motorised Test Stand
- MG Force Gauge with choice of capacity (1 – 2500N)
- Pair of G1008 Grips

Price from \$4,990.00

Package 2

Mini Tensile Machine with Data Acquisition Software Package

- ESME Motorised Test Stand
- EGE-RS Force Gauge with choice of capacity (1 – 2500N)
- Pair of G1008 Grips
- Data Acquisition Software

Price from \$5,990.00



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*** Offer Valid exclusively until 30th September 2006 ***

NEW DEVELOPMENT:

Mattress Rollator



IDM Instruments Pty Ltd has recently manufactured their improved Mattress Rollator with relevance to testing and evaluating of Innerspring, Boxspring and Foam Mattresses as per ASTM F1566 and BS EN 1957 standards.

The Mattress Rollator is used to determine the durability of any type of mattress and Boxspring unit, regardless of the materials of construction, by simulating long-term use conditions.

It consists of a weighted roller which moves width ways across a test mattress to simulate body movement. The length of stroke to which the Roller moves is adjusted, to suit the relevant mattress under test. A frame supports the mattress and base under test while a safety enclosure around the whole Mattress Rollator stops any accidental placement of foreign objects such as hands in harmful positions.

Precision Drop Tester



IDM Instruments Pty Ltd has manufactured their Precision Drop Tester for a leading packaging giant in Malaysia. With a lifting capacity of either 75kg or 150kg, the 3 metre tall instrument performs vertical impact tests on packages by dropping at maximum heights of 2.5 metres, complying with AS 2582.4, ISO 2248 Method A, ASTM D5276 and ISTA standards.

Designed for card board boxes, pails, bags, containers and crates, the Drop Tester lifts the package in such a way so as not to cause damage to the operator or package.

It features adjustable minimum and maximum height for loading & dropping, via a chain hoist for positioning, as well as custom made drop forks to accommodate different sized packages. The large steel base measures 1m x 1.5m x 25mm, but can also be custom made to suit specific requirements for test surface and mounting. A hand-held control and foot switch are also provided for operation.

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