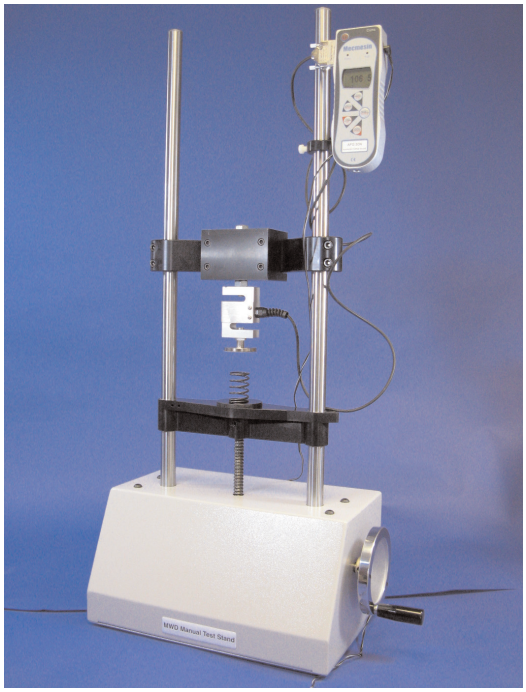
Mecmesin

testing to perfection

MWD Manual Test Stand

- tension and compression
- bench-top
- affordable
- excellent positional control
- easy-to-use

low-cost easy-to-use versatile

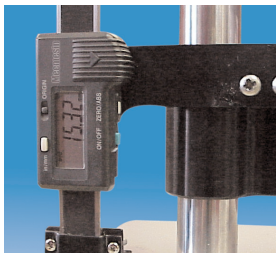


The MWD is an easy-to-use, handwheel-operated twin-column test stand, with a maximum capacity of 10kN (2200lbf). Operation is via a handwheel, giving excellent positional control of the crosshead for applications which require a load reading to be taken at an exact displacement. Combined with a Mecmesin loadcell and display or a digital force gauge, the MWD is a low-cost solution to a variety of higher-rated tension and compression testing applications.

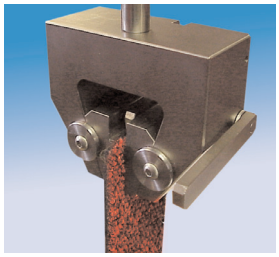
Unlike other 10kN test stands, the MWD occupies minimal bench space and due to it's simple, compact design it can be used as a portable unit for off-site testing.

- 150mm (6") crosshead travel
- Choose a mounting plate to suit a Mecmesin force gauge or a mounting block to fit a loadcell
- Choose an AFTI display and mounting bracket when used with a loadcell
- Choose a 150mm x 0.01mm resolution height scale for load/displacement applications

Top-load Testing



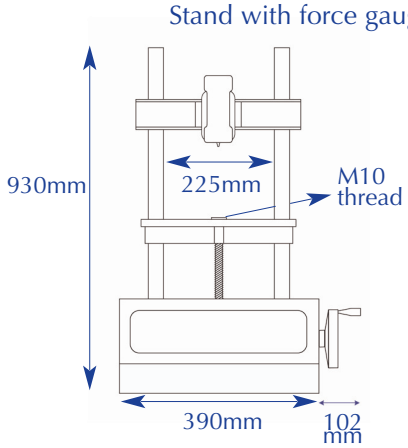
Digital Height Scale

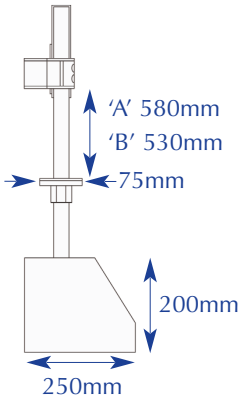


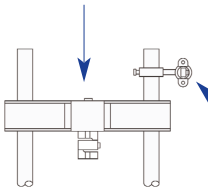
Tensile Testing

Dimensions mm (inch)

Stand with force gauge crosshead







'A' 580mm with loadcell mounting block excluding loadcell
'B' 530mm with force gauge crosshead and gauge fitted

MWD	
Crosshead travel (both directions)	0.5mm per handle revolution
Maximum crosshead travel	150mm (6")
Maximum load	10kN/1000kgf/2200lbf
Maxium daylight	580mm (22.8") with loadcell mounting block or 530mm (20.9") with force gauge crosshead and gauge fitted
Loadcell ranges	10kN (1000kgf, 2200lbf) or 5kN (500kgf, 1100lbf)
Weight	20kg (44lbs)
Available options	
Digital height scale	0.01mm resolution
Horizontal operation	Yes
Extended crosshead travel	Yes (but reduced load rating)
Extended columns	Yes

ISO 9001 CERTIFICATE NUMBER FS 58553

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