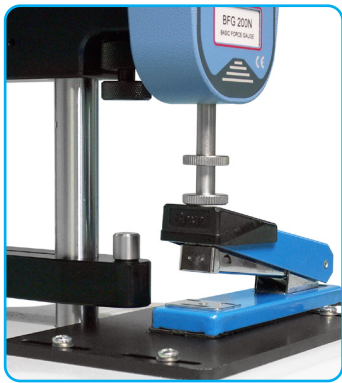


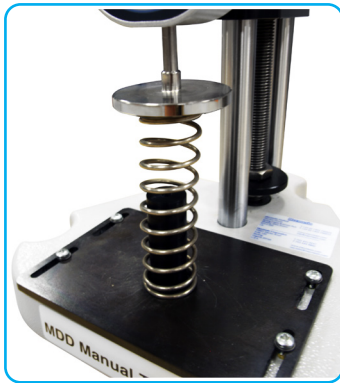
# MDD

## Manual Test Stand

- 1 kN (220 lbf) capacity
- Robust design
- High precision
- Compact & portable
- Handwheel operation
- Tension & compression



Actuation testing



Spring testing



Shown w/ digital force gauge (not supplied)

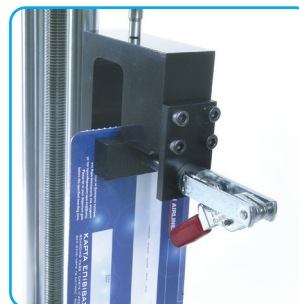
- Rugged & reliable
- Holes for bench mounting
- Accepts digital height scales

The MDD, combined with a Mecmesin force gauge, is ideal for low cost tensile and compression testing on the production floor or in laboratories.

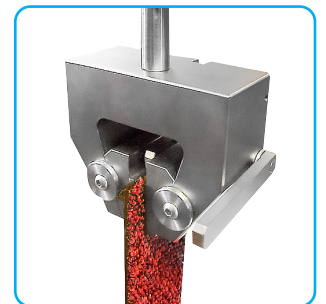
Easy to use, the MDD is operated via a handwheel, which gives precise control of the crosshead, together with a lockable thumbwheel for fine adjustment.

The MDD is also fitted with a standard dovetail bracket for easy interchangeability of Mecmesin force gauges and loadcells. An optional height scale can be added for digital display of displacement and optional feet allow the MDD to be used horizontally.

**versatile**  
**easy-to-use**  
**cost-effective**

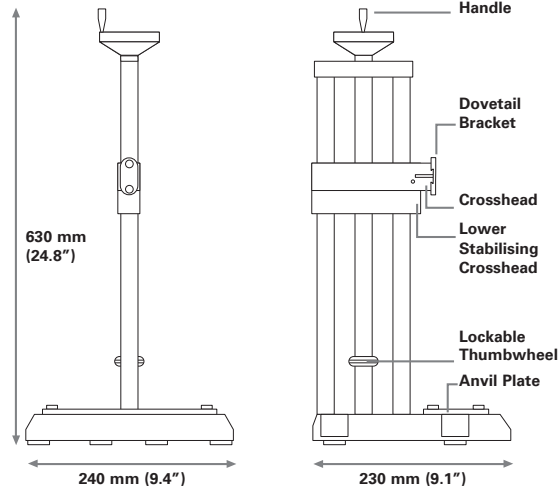


Tear testing

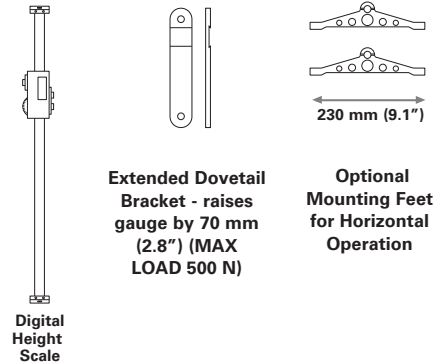


Tensile testing

## Dimensions mm (inch)



## Optional Extras



## Specifications

|   |   |
|---|---|
| <b>Model</b>                              | MDD - Manual Direct Drive Test Stand  |
| <b>Crosshead travel (both directions)</b> | 2 mm (0.1") per handwheel revolution  |
| <b>Effective crosshead travel height</b>  | 380 mm with AFG Force gauge, but without accessories and scale (400 mm with BFG) 360 mm with AFG/BFG Force Gauges and height scale, but without accessories |
| <b>Maximum Load</b>                       | 1000 N/100 kgf/220 lbf  |
| <b>Weight</b>                             | 6 kg  |
| <b>Optional Extras</b>                    |   |
| <b>Height scale</b>                       | 0.01 mm (0.0005") resolution  |
| <b>Mounting feet</b>                      | For horizontal operation  |

MDD with AFG and digital height scale



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

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