

Spring Testing Machine

Product Supply Code MTM-E1003

DESCRIPTION

Spring testing machine for measuring the load, deflection and stiffness of compression and tension springs.

SPECIFICATION

Spring testing machine for measuring the load, deflection and stiffness of compression and tension springs. Used in mechanical engineering laboratories, spring manufacturing quality control and vocational training workshops, where students and inspectors must verify a spring rate against a drawing.

Testing

- Compression and tension testing with the appropriate platens or hooks
- Load at a stated deflection, and deflection at a stated load
- Spring rate calculated from the load-deflection readings
- Free length, solid length and permanent set measurement

Construction

- Robust cast or fabricated frame with hand-wheel or motorised loading
- Load measurement by proving ring, load cell or dial gauge, to the model ordered
- Deflection scale graduated in millimetres with vernier reading
- Hardened compression platens and a set of tension hooks
- Machined base plate with levelling feet

Supplied with

- Digital or analogue load indication, to the model ordered
- One set of platens and tension attachments
- Operation manual and a calibration certificate

Services required

- Bench or floor space with a level, rigid surface
- Electricity for motorised models: 230 V, single phase, 50 Hz with earth

Capacity is selected to suit the springs being tested and is built to your specification. Send the tender schedule for a line-by-line quotation.

Enquiries and tender quotations

Send your requirement or BOQ to sales@naugraexport.com or call **+91-98966-00003**, quoting MTM-E1003. Manufactured at our own works in Ambala Cantt and supplied worldwide.

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