

Fatigue Testing Machine

Product Supply Code MTM-E1002

DESCRIPTION

Servo-controlled fatigue testing machine for determining the endurance limit and fatigue life of metals, welds, springs and components under repeated loading.

SPECIFICATION

Servo-controlled fatigue testing machine for determining the endurance limit and fatigue life of metals, welds, springs and components under repeated loading. Supplied to engineering colleges, material testing laboratories and industrial quality control departments, where fatigue data is required for design verification and for teaching S-N curve construction.

Testing

- Axial tension-compression, and rotating bending with the appropriate fixture
- Constant amplitude loading with adjustable mean load and amplitude
- Cycle counting with automatic cut-off on specimen failure
- S-N curve plotting from the recorded cycles at each stress level

Construction

- Rigid welded steel frame on anti-vibration mounts
- Servo or motor driven loading unit with eccentric adjustment
- Load cell with digital indication and overload protection
- Specimen grips for round and flat specimens, interchangeable
- Safety guard interlocked with the drive

Supplied with

- Digital counter and control panel
- One set of standard grips and a specimen gauge
- Operation and maintenance manual, and a test certificate

Services required

- Electricity: 415 V, three phase, 50 Hz with earth, or to the supply stated on your order
- Level floor area with clear access on all sides for specimen changing

Capacity, frequency range and fixture type are built to the tender specification. Send the schedule and we quote against it line by line.

Enquiries and tender quotations

Send your requirement or BOQ to sales@naugraexport.com or call **+91-98966-00003**, quoting MTM-E1002. Manufactured at our own works in Ambala Cantt and supplied worldwide.

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Specifications are updated on the website, so the page behind this code always shows the current version, with photographs and related equipment.
<https://www.naugraexport.com/fatigue-testing-machine>

