

Product Name :
Fatigue Testing Machine

Product Code :
SLT-0004



Description :

Fatigue Testing Machine

Technical Specification :

This machine is light, compact and simple design used to test the fatigue strength of materials and draw S-N diagram used for research institutes, laboratories, material manufacturer and various industries.

Table model, no need of foundation.

This is a rotating beam type machine in which load is applied in reversed bending fashion.

The bending moment is applied with a lever system and can be easily changed by moving a weight over the lever.

Total number of revolutions at which the specimen fails are recorded by a Digital counter.

The standard 8 mm dia specimen is held in special holders at its ends and loaded such that it experiences a uniform bending moment.

The specimen is rotated at 4200 rpm by a motor. A complete cycle of reversed stresses in all fibres of the specimen is produced during each revolution.

An interlocking system puts off the motor at specimen failure.

