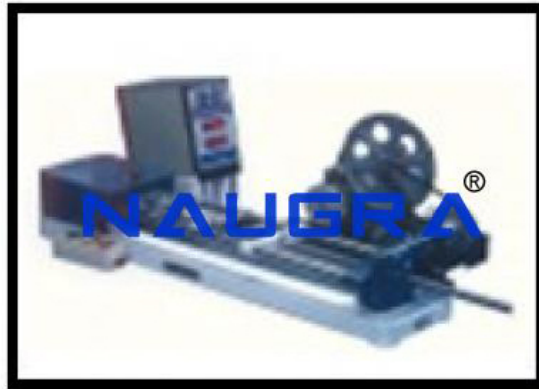


Product Name :
Tensometer

Product Code :
TN196



Description :

Tensometer

Technical Specification :

A small-scale machine that fits on a benchtop and allows simple tensile tests of metal specimens up to a load of 20 kN. This machine is a good partner to Torsion Testing Machine. The machine has an extruded aluminium bed that holds the load application and load measuring mechanisms. 'Tie bars' add rigidity to the structure.

The load application mechanism includes a hand-driven worm-and-wheel gearbox, driving a lead screw with 400 mm of travel. The mechanism uses ball races and self-aligning ball thrust races in the direction of loading. These low-friction bearings, with the large handwheel allow the user to apply load with effort. They also give smooth and progressive operation, necessary to help the user apply a steady strain rate for best results.

The unit also has a smaller "quick advance" handwheel that allows the user to set the distance between the chucks simply and quickly before each test.

Load Measurement: 20kN max

Load cells: 0.2kN/2kN/5kN/10kN/20kN

LC: 0.05% of load cell

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