

Product Name :
Bench Top Tensile Testing Machine

Product Code :
MTEP0019

ALTEC™

Description :

Bench Top Tensile Testing Machine

Technical Specification :

- A small-scale machine that fits on a benchtop and allows simple tensile tests of metal specimens up to a maximum load of 20 kN.
- The load application mechanism includes a hand-driven worm-and-wheel gearbox, driving a lead screw with approximately 400 mm of travel.
- These low-friction bearings, with the large handwheel allow the user to apply maximum load with minimum effort.
- The load measuring mechanism is a strain-gauged load cell that connects to a microprocessor-controlled digital display.
- The mechanism uses ball races and self-aligning ball thrust races in the direction of loading.
- The load display unit has a 'peak hold' function to register the maximum load before the specimen breaks.
- A sliding digital display measures the tensile displacement (extension) over the entire movement.
- They also give smooth and progressive operation, necessary to help the user apply a steady strain rate for best results



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