



Product Code . JL-SOMLE-8903

Universal Testing Machine

Description

Universal Testing Machine

A Universal Testing Machine also known as a materials testing machine and can be used to test the tensile and compressive properties of materials.

These machines generally have two columns but single column types are also available.

These machines are widely used and would be found in almost all materials testing laboratory.

Load cells and extensometers measure the key parameters of force and deformation which can also be presented in graphical mode in case of computer operated machines.

Accuracy:-

As high as + 1 %

Speeds:-

Straining at variable speeds to suit wide range of materials.

Facilities for tests:-

Motor-driven threaded columns for quick and convenient adjustment of lower crosshead to facilitate rapid fixing of test specimen.

Autographic recorder:-

Simultaneous roll autographic recorder supplied as standard to enable study of the behaviors of materials.

Ideal Dia:-

High reading accuracy due to large size ideal design of dial.

Large columns:-

Large effective clearance between columns enables testing of standard specimen as well as structures.

Easy changeability:-

Easy change from plain to threaded and screwed specimens.
