

UNIVERSAL TESTING MACHINE

FEATURES

- Loading accuracy as high as $\pm 1\%$
- Straining roll autographic recorder supplied as standard to enable study of the behaviour of materials.
- Motor driven threaded columns for quick effortless adjustment of lower Crosshead to facilitate rapid fixing of test specimen.
- High reading accuracy due to large size and design of dial.
- Wide range of standard and special accessories, including load stabilizer.
- Easy change from plain to threaded and screwed specimens.
- Large effective clearance between columns enables testing of standard specimens as well as structures.
- Simple controls for ease of operation.
- Robust straining frame of an extremely rigid construction.
- Safe operation ensured by means of safety devices.
- Fully enclosed and protected pendulum.

MODEL - SE UTM

APPLICATIONS

Universal Testing Machine is designed for testing metals and other materials under tension, compression bending, transverse and shear loads. Hardness test on metals can also be conducted.

Accuracy & Calibration

All Samarth Universal Testing Machines are closely controlled for sensitivity, accuracy and calibration during every stage of manufacture. Every Machine is then calibrated over each of its measuring ranges in accordance with the procedure laid down in British Standards 1610: 1964 and IS: 1828-1975. Samarth Universal Testing Machines Comply with grade "A" of BS : 1610 : 1964 and grade 1.0 of IS-1828-1975 An accuracy of + 1 % is guaranteed from 20% of the load range selected to full load. Bellow 20% of the selected range, the maximum permissible error is 0.2% of the full reading.

