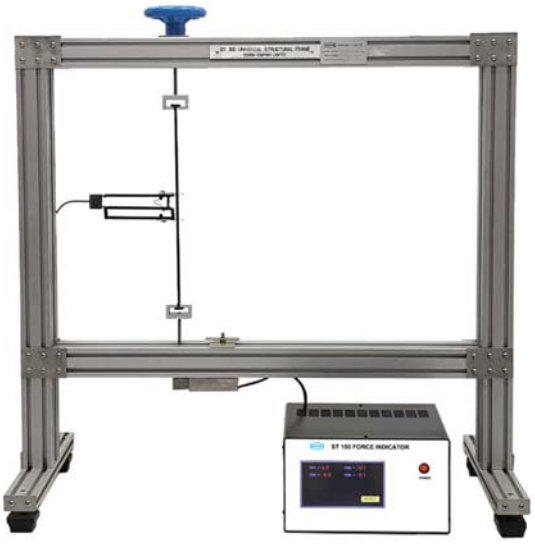
STRUCTURAL MODELS

Equipment for experiments on STRUCTURES consists of two main parts, accessories for specific experiment and a frame for attachment of the accessories. Many accessories common for various experiment.

ST 345 TENSILE MODULUS OF ELASTICITY



GENERAL DESCRIPTION:

This equipment is used for studying the modulus of elasticity of materials in the form of rods. It is to be used with ST300 Universal Structural Frame (separately supplied).

The rod is mounted between two gripping heads and a load of up to 3 kN is applied by means of screw with turning wheel. The load is measured by load cell with force indicator. Elongation of the gauge length is measured by extensometer.

Instruction manual is also included.

EXPERIMENT CAPABILITIES:

- Modulus of elasticity of materials

TECHNICAL DATA:

- Test rod : Mild steel, brass and aluminum
- Test rod holders : 2
- Extensometer with output : 1
- Loading device : Screw with a turning wheel
- Force measurement : Load cell with ST 150 Force Indicator
- Software for data display and analysis by computer (separately supplied).
- Power supply : 220 V, 1 Ph, 50Hz. or as required

Net (unassembled) Shipping Dimensions WxLxH : 30 x 55 x 20 cm
Net Weight : Approx. 5 kg