

STRUCTURAL MODELS

Equipment for experiments on STRUCTURES consists of two main parts, accessories for specific experiment and ST300 Universal Structural Frame or ST305 Universal Base Frame for attachment of the accessories. Many accessories common for various experiment.

ST 362C PLASTIC BENDING OF A FRAME, Computer Assist

DESCRIPTION

This equipment allows a study on the relation between deflection of a portal frame under loads in plastic condition.

A portal frame is fixed at both legs on two supports. Loads are applied vertically on the cross member and/or horizontally on one of the legs by force load cells. Deflection of the frame is measured by long stroke dial indicators. Loads are applied until frame collapse.



TECHNICAL DATA :

- Frame : Steel 200x300 mm portal with 3x12.5 mm (approx) section.
- Supports : 2 ea.
- ST150 Force Indicator : 1 ea.
- ST125 Vertical Force Load Cell : 2 ea.
- Long stroke dial indicators : 2 ea.

OPTIONAL :

- Spare frame : Pack of 10.