

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 313 INFLUENCE LINE APPARATUS

DESCRIPTION :

The equipment is used for studying the reactions under various conditions of load at all supports along a three span bridge. It is to be used with ST305 Universal Base Frame or ST300 Universal Structural Frame (separately supplied)

The bridge has a cantilever end sections and a suspended center section. The location of the supports is adjustable. The supports are vertical force supports for measurement of loads. The deflection of the bridge can be measured by dial indicators.



TECHNICAL DATA :

- Bridge : End span length : 2 ea 250 mm.
Center span length : 150 mm.
- ST 124 Vertical Force Supports : 4 ea.
- Rolling loads : 2 ea.
- ST131 Dial Indicators : 2 ea.

OPTIONAL ACCESSORY :

- ST125 Vertical Force Load Cells and ST150 Force Indicator instead of ST124 Vertical Force Supports.