

## **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 323 DEFLECTION OF BEAMS AND CANTILEVERS**

#### **DESCRIPTION :**

The equipment is used for measurement of deflections and slopes of a beam under bending or and compare with values calculated by differential equation. It is to be used with ST 305 Universal Base Frame or ST300 Universal Structural Frame (separately supplied).

The beam rest on two built-in/knife edge supports. Load hangers are used for point loads and a number of weights are used for uniform load. Deflections and slopes are measured by dial indicators.



#### **TECHNICAL DATA :**

- Test beam
  - Steel : 2 ea.
- ST112 Built-in/Knife Edge Supports : 2 ea.
- Load hangers : 2 ea.
- Weights : 1 lot.
- ST131 Dial Indicators : 2 required (separately supplied).