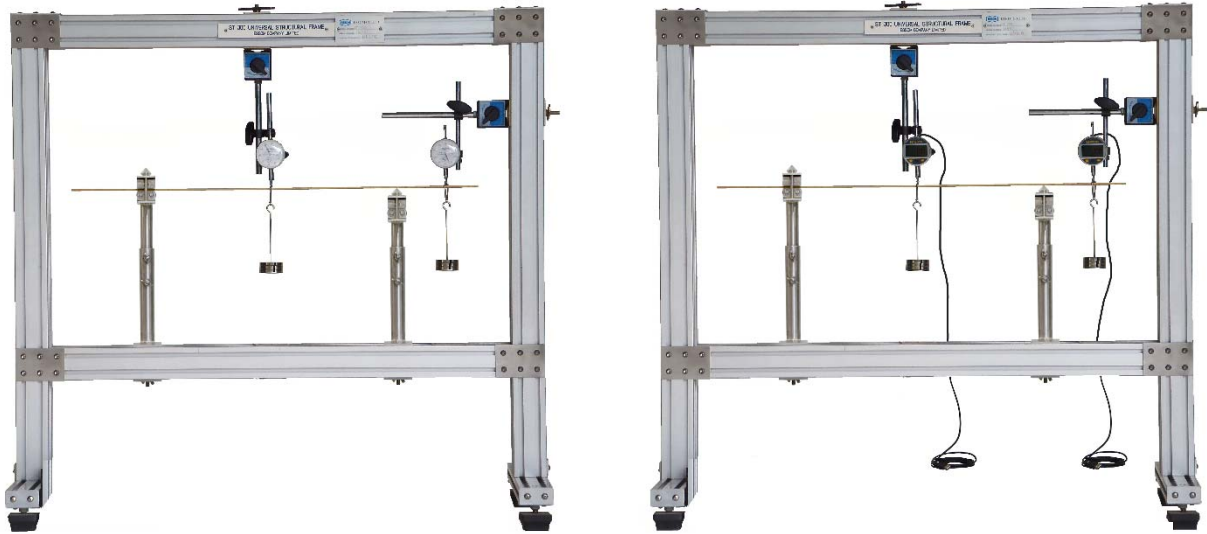


STRUCTURAL MODELS

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 323 DEFLECTION OF BEAMS AND CANTILEVERS



Photograph includes optional equipment

GENERAL 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 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.

Instruction manual is also included.

EXPERIMENT CAPABILITIES:

- Beam deflections
- Beam bending formula
- Shape of a deflected beam.

TECHNICAL DATA:

- Test beam : 2
- - Steel : 2
- ST112 Built-in/Knife Edge Support : 2
- Hanger sliders : 2
- Load hangers : 2
- Weights : 1 lot
- ST131 Dial Indicators : 2
- Software for data display and analysis by computer (separately supplied).

OPTIONAL EQUIPMENT:

- ST323-055 Computer assist
ST133 Digital Indicator with digital output instead of ST131 Dial Indicators
- Other optional equipment, please contact manufacturer (essom@essom.com)

Net (unassembled) Shipping Dimensions WxLxH : 50 x 75 x 15 cm
Net Weight : Approx. 10 kg