



**OMEGA TYPE ES-243** Experimental Set Up has been designed specifically determination the young's modulus by bending of beam / flexure & lever method. A Galvanometer and Cell Eliminator may be used for determining the exact contact setting.

Practical experience on this set up carries great educative value for Science and Engineering Students.

## OBJECT

- 01 Determination the young's modulus by bending of beam / flexure & lever method.

## FEATURES

The Set up consists of the following :

- 01 Nickered steel beam one meter long having two knife edge clamps, central knife edge with hanger resting on the beam and spherometer head, mounted on a separate base.
- 02 Slotted Weights with Hanger : Set of five containing four slotted one hanger each weighing, 0.5 Kg. set total 2.5 kg. iron, black painted.
- 03 Vernier Calliper.
- 04 D.C. Galvanometer, 65mm round dial, mounted on Bakelite stand, to read  $\pm 50G$  OMEGA TYPE MO-65.
- 05 Cell Eliminator OMEGA TYPE CE-1V5.
- 06 Micrometer screw gauge
- 07 Weight : 10.7 Kg. (Approx.)
- 08 Adequate no. of connecting wires.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

## OMEGA ELECTRONICS

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