



55743 Experimental Set Up has been designed specifically to determine the Young's modulus by bending of beam. A voltmeter and laclanche cell 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 To determine the Young's modulus by bending of beam.

FEATURES

The Set up consists of the following :

- 01 Nickelled 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 sloted one hanger each weighing, 0.5 Kg. set Totall 2.5 kg. iron, black painted.
- 03 Vernier Calliper.
- 04 One Way Plug Key.
- 05 D.C. Galvanometer, 65mm round dial, mounted on bakelite stand, to read 50G OMEGATYPE MO65.
- 06 Leclanche Cell or substitute Cell Eliminator OMEGATYPE CE-1V5.
- 07 Weight : 10.7 Kg. (Approx.)
- 08 Adequate no. of connecting wires, 100cm long.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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