

IV-E726 Determination Young's Modulus 'Y' Of A Bar By Bending



In this apparatus, a hook is provided to one end of powdered coated bar having dimension 100x1.8x0.3 cm (LxBXW). The whole metallic bar is marked with lines. All lines are separated from each other a distance of 5cm. The cantilever bar is held horizontally keeping breath in horizontal position.

Scope of Learning:

- Determination of Young's Modulus 'Y' of a bar by bending.

Required Accessories:

- Cantilever apparatus Slotted weight, Cast Iron, set of 5, with hanger, 500g each
- G Clamp

Optional Accessories:

- Scale