



Email : sales@laboratoryinstrumentindia.com

Product Name :
Stiffness Bending and Torsion

Product Code :
LBNY-0005-1380007



Description :

The main part is a rigid metal frame. Supplied as standard are two adjustable knife edges that work as simple supports for test beams. Students add different loads to the beams using weights on a hanger. The dial gauge indicator on the back panel accurately measures beam deflection. A compact bench-mounting frame that holds different parts for investigations into stiffness of materials. A linear scale on the back panel of the frame allows accurate positioning of the knife edges. The kit also includes weights, a magnetic dial gauge and a set of different beams. Also included in the standard kit is a vernier gauge for students to accurately measure dimensions of the specimens they test. The standard includes parts for tests in bending of beams of different materials and cross-section. Optional additional kits allow investigations into different beam fixings and torsional stiffness. The Additional Torsion Testing Kit is also available as an optional extra. It allows torsion tests on solid rods of different materials and a tube. The Additional Experimentation Kit available as an optional extra, enables further investigations into a simple cantilever, a propped cantilever and an encastre beam.

Technical Specification :

Dimensions: 500 mm x 250 mm x 350 mm, packed volume 0.08 m³

Weight: 12 kg

Packed: 16 kg.

Laboratory Instrument India

