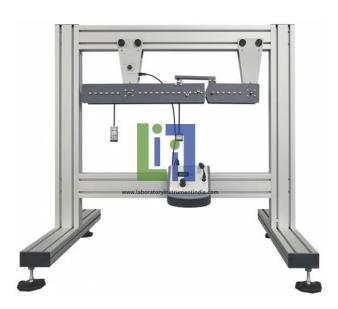


Email: sales@laboratoryinstrumentindia.com

Product Name:

Bending Moments in a Beam Apparatus

Product Code : LBNY-0005-13900061



Description:

The beam fixes to the Multi Structures Test Frame. Students apply loads at set positions using hangers holding various masses. The experiment hardware is a simply supported beam cut by a pivot. A Multi-Channel Digital Transducer Display displays forces during experiments. To stop the beam collapsing, a moment arm bridges the cut onto a load cell thus reacting (and measuring) the bending moment force.

Features:

Allows safe and practical experiments into bending moments in a beam

Realistic and verifiable experiment results

High-quality structures teaching module for students of mechanical, civil and structural engineering One of many interchangeable experiment modules from AIIs modern, flexible and cost-effective Structures teaching system

Ideal for classroom demonstrations, or students working in pairs or small groups.

Shows and proves the basic theory of bending moments in a beam

Optional Alls Structures Software package for extra virtual experiments that simulate and confirm the results from your hardware and allow extended experiments

Optional unit with Alls Structures Software package for automatic data acquisition and virtual experiments.

Technical Specification:

Bending Moments in a Beam Apparatus



Laboratory Instrument India