

Product Name :
Shear Force In A Beam

Product Code :
NLAB-ENGINEERINGLB32003



Description :

Shear Force In A Beam

Technical Specification :

Shear Force In A Beam Lab Equipments Manufacturer, Suppliers & Exporters Shear Force In A Beam

Description of Shear Force In A Beam

The experiment hardware is a simply supported beam with a 'cut'. The beam fits onto a Multi Structures Test Frame.

A mechanism bridges the cut, which stops the beam collapsing and allows movement in the shear direction only. An electronic load cell measures the force, and connects to a Multi-Channel Digital Transducer Display .Students apply loads at set positions using hangers holding various masses.

Features of Shear Force In A Beam

Shows and proves the basic theory of shear force in a beam

High-quality structures teaching module for students of mechanical, civil and structural engineering

Allows safe and practical experiments into shear force in a beam

Realistic and verifiable experiment results

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

Optional unit with All's Structures Software package for automatic data acquisition and virtual experiments

One of many interchangeable experiment modules from All's modern, flexible and cost-effective Structures teaching system

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

Experiments

Shear force variation with an increasing point load

Variation of shear force for various loading conditions

Examination of various other loading cases and their effect on shear force, including loads traversing the beam

Naugralabequipments

Website: www.naugralabequipments.com, **Email:** sales@naugralabequipments.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India. **Phone:** +91-9896600003