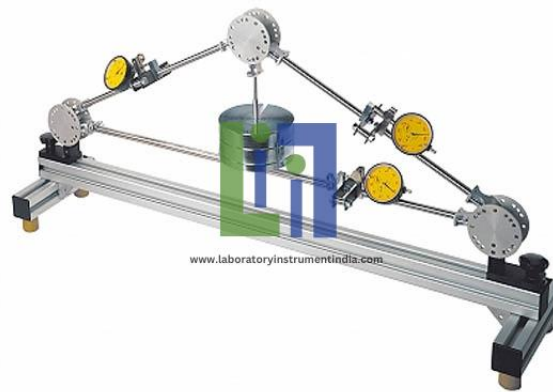




Email : sales@laboratoryinstrumentindia.com

Product Name :
Unit For Studying Forces In A Simple Bar Structure

Product Code :
LBNY-0005-13100026



Description :

The unit consists of three members, three node discs and a set of weights with a weight holder. Each member is formed by a longitudinally bar, a spring and a dial gauge. These bars can form numerous simple bar structures with different angles. The bar forces occurring during the exercises are measured by the deformation of the springs situated in the middle of the bar with the dial gauges.

The Unit for studying Forces in a Simple Bar Structure represents a simple bar structure that allows the measurement of bar forces and the comparison of the experimental results with the calculations and the graphical method.

The set of weights and a weight holder are used to apply external load in the upper disc of the simple bar structure.

The method of joints and the calculations are used to determine the bar forces in the different bar structure to compare with the experimental results.

The members are joined by three node discs such that the joints can move freely. Snap-locks allow to engage the bars in the discs. Two of the discs also form the support of the simple bar structure, it can move freely and is fixed to the section base of the unit.

Technical Specification :

Unit For Studying Forces In A Simple Bar Structure

Laboratory Instrument India

