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Product Name :
Structural Engineering 2 Learning System

Product Code :
LBNY-0005-1140001



Description :

The Structural Engineering 2 Learning System includes a data acquisition system, bridge components fitted with strain gauges, a test fixture hardware package, and interactive multimedia student curriculum. The data acquisition system uses structural members equipped with strain gauges to measure the forces acting on a structure, constructed by the learners, and the system records these values to provide a clear picture of how the structure is reacting to the applied force. Structural Engineering 2 Learning System, adds to the Structural Engineering 1 Learning System to teach statics, data acquisition, and bridge design analysis. Through calculations and data acquisition analysis, learners will analyze the forces in truss bridge designs. The learning content covers topics such as bending stress and the moment of inertia, data acquisition, and truss bridge analysis.

Features:

- Measure the forces acting on a structure.
- Interactive multimedia.
- Teaches statics, data acquisition, and bridge design analysis.
- Collects and displays data graphically.

Technical Specification :

Structural Engineering 2 Learning System

Laboratory Instrument India

