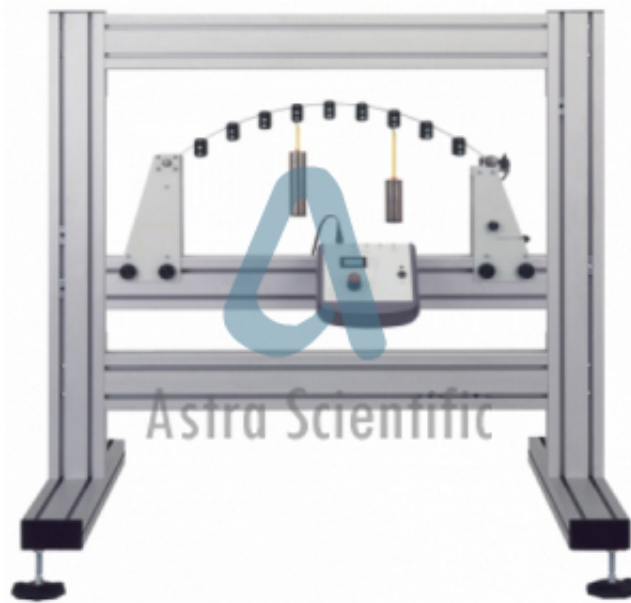


Product Name :
Astra Scientific Two Hinged Arch Apparatus with Data Acquisition

Product Code :
ASTSTRUCTURAL-0013



Description :

Astra Scientific Two Hinged Arch Apparatus with Data Acquisition

Technical Specification :

Description:

A computer interface module with ADA software that allows the hardware experiments in Structures Range to be interfaced to a PC (not included).

The Automatic Data Acquisition Unit is an interface box with software that connects experiments Structures range to a suitable computer. It allows data logging, analysis and extra 'virtual' simulated experiments. It accepts inputs from a digital force display, a digital strain display, an angular sensor and digital deflection indicators. It converts these inputs into the correct data signals for the computer. The software can then analyses the data and create tables and charts.

The software can also simulate experiments which students can perform using the hardware, so they can compare simulated and real results.

Key features:

- Computer interface and Structures Software to display and collect data from any of the experiment modules in Structures range.
- Includes powerful Structures Software to do two things: display and collect data, and allow 'virtual' simulated experiments
- Interface unit links to load cells and other instruments in the Structures range to send data to a suitable computer
- Allows to compare results from actual experiments with results from simulation software
- Simple connection to most modern computers – no need to add any extra circuit boards
- Fully automatic – needs no adjustments or complicated set-up procedures on your computer



Astra Scientific

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