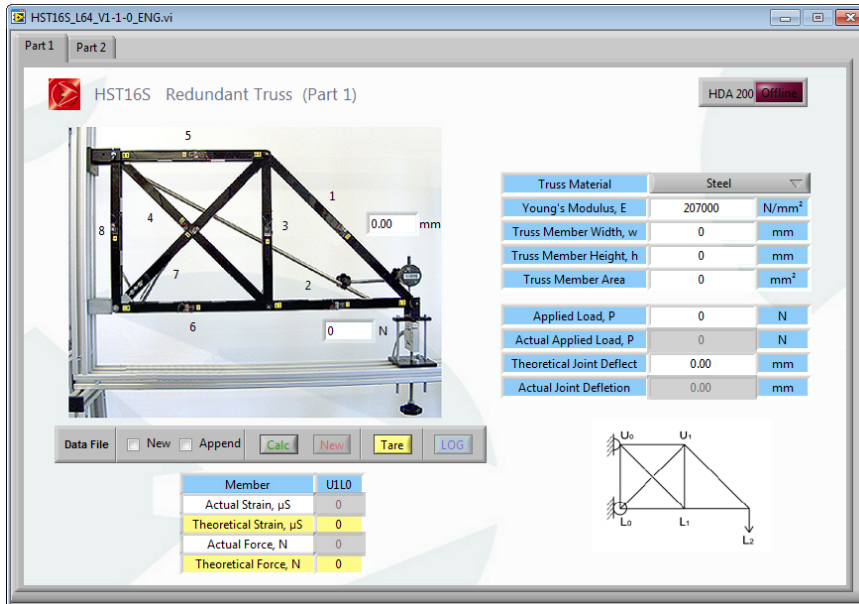




STRUCTURES SOFTWARE PACKAGE

HSTS



Year 1
study

Features

- Suite of 24 Experiment software's
- Compliments hardware experiment
- Simulation mode (without hardware)
- On-line mode (with hardware)
- Wider experiment variations than hardware

Related Laws/Applications

- Any related Law or Study Area from one of the compatible Structures Range Experiment

Learning capabilities

- Software dependant

Description

Enables a wide variety of experiments within the Structures range to be simulated prior to testing on the experiment hardware. It compliments the experiment hardware and allows students to vary a wide range of experiment parameters that are not available on the hardware itself. The HSTS can be run in a standalone mode away from hardware (offline), or accompanying the hardware experiment (online) as it is being run making it an invaluable tool for comparing actual and theoretical hardware results. Parameters that can be widely adjusted include: Load, Modulus of Elasticity, Material, Material width/height/diameters/lengths. The students are also able to store, retrieve, manipulate, print and graphically represent data captured from certain experiments. Data stored can be imported in spreadsheet software for further analysis and presentation.

Technical Specification

- Windows 7
- Windows 7 Service Pack 1
- Windows Server 2003 Service Pack 2
- Windows Server 2008
- Windows Server 2008 R2
- Windows Server 2008 R2 SP1
- Windows Vista Service Pack 1
- Windows XP Service Pack 3
- Recommended Minimum: Pentium 1 GHz or higher with 512 MB RAM or more
- 850MB minimum disk space for x86
- 2GB minimum disk space for x64
- VGA Monitor capable of at least 16-bit colour at 1024 x 768 resolution
- USB1.1 or USB2 for data acquisition connection.
- Powered USB port(s) if possible

Essential Ancillaries

- Computer or Laptop running WIN7 or above

Recommended Ancillaries

- Any one of compatible Structures Range Experiment
- Host Computer

What's in the Box?

- 1 x USB media
- Installation software
- Instruction manual
- Driver software

You might also like

- HPM15

Minimum System Requirements

- Windows 8 and 8.1 (32 & 64 bit)
- Windows 7
- Windows 7 Service Pack 1
- Windows Vista Service Pack 1
- Windows XP Service Pack 3
- Recommended Minimum: Pentium 1 GHz or higher with 512 MB RAM or more
- 850MB minimum disk space for x86
- 2GB minimum disk space for x64
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Essential Services

- Computer or Laptop running WIN7 or above

Ordering information

To order this product, please call PA Hilton quoting the following code: HSTS

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