



UNIVERSAL FRAME and STAND HST1



Year 1
study

5 to 6
participants

15 mins
setup

Space required
2 x 2 x 2m

Any HST
modules

Features

- Versatile 'two' Frames in 'one'; floor standing and bench frame.
- Modern, high quality materials
- Can be used for wall mounted apparatus if wall space limited.
- Potential for mounting 2-3 experiments at a time.
- Efficient use of lab space and student/laboratory time.
- Quick, accurate and easy mounting of experiments.
- Easy conversion to bench mounted frame
- Extra Height feet included creating 200-250mm gap
- Profile grooves create attachment points for customers own use
- Allows easy and visible attachment of HDA200 Interface unit

Description

The HST1 Universal Frame and Stand offers the ideal working area for a large majority of the experiments within the Structures Range. The frame is also backward compatible with the original steel Hi-Tech frame. Manufactured from high quality, aluminium profile, it comprises a dual frame, which creates a continuous working "gap" around all four sides of the frame thus allowing the individual experiment components to be interchanged quickly and efficiently. The internal working dimensions for mounting experiments are 1.22m x 0.76m. Should specimen beams longer than 1.22metres be used, the working "gap" allows the beams to run through the frame and protrude outside the working area. Two cross members are supplied to ensure complete stability of the lower frame when the full height frame is constructed. The floor-mounting frame can be easily converted to a bench-mounted version when using the bench mounting feet kit supplied as standard. The stand comes fitted with height adjustable tilting feet to enable the frame to be levelled accurately prior to use. To aid assembly a comprehensive Instruction manual and tools are supplied as standard. An Accessories container is supplied to house all the tools required when assembly is completed, thus keeping everything together.

Related Laws/Applications

- Structures
- Civil Engineering

Technical Specification

- Internal working dimensions: 1.22(L) x 0.76(H) m
- Bench Mount feet creating 200-250mm between underside of frame and bench top
- Dual Frame design creating working gap of 25mm
- Levelling feet: up to 40mm individual range
- Weight: 26kg

Essential Ancillaries

- Any HST Structures Experiment

What's in the Box?

- Upper Frame Members
- Lower Frame Members
- Bench Mounting Foot kit
- Hex wrench
- 13mm Spanner
- T50 Torx Wrench
- Accessories container
- End caps
- Instruction manual
- Packing list
- Test sheet

You might also like

- HST100
- HVT12F
- HAC14

Weights & Dimensions

- Weight: 26kg
- 1300(L) x 500(W) x 1680(H) mm

Essential Services

- Working floor dimensions required 2.0m x 2.0m
- Level Floor

Operational Conditions

- Operating temperature range: +10°C to +50°C
- Operating relative humidity range: 0 to 95%, non condensing

Ordering information

To order this product, please call PA Hilton quoting the following code:
HST1

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS