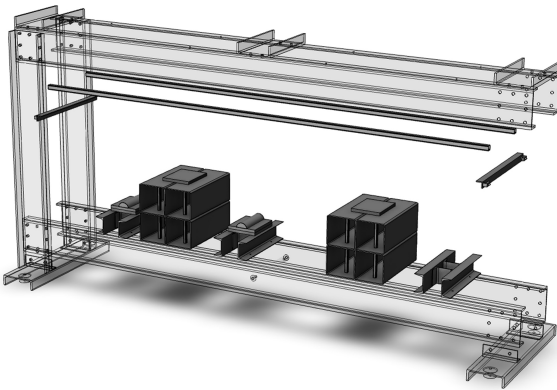




“MAGNUS” Accessories HPM2



Space required
5(L) x 1(W)m

Features

- Full range of accessories to support the setting up of test specimens.
- Versatile accessories.
- Strong steel components used for longevity and durability.
- Height of test specimens can be raised or lowered.
- Pressure plates protect surface of specimen under test.
- Point loads created using rockers.
- Rolling end created using rollers.
- Longitudinal and transverse dial gauge bars supplied.

Description

A full range of rocker and roller bearings, plates, support blocks, clamps and dial gauge mounts are provided for setting up test specimens. The roller diameter matches the depth of the half round rocker. 25 mm thick steel reaction plates provide a good surface for the rollers and rockers to bear on, while 6 mm steel distribution plates prevent crushing of timber beams. Bearings are carried on transverse twin channel load supports, with additional height provided by 300(L) x 150(H) mm support blocks. Two longitudinal dial gauge mounting bars can be carried on the beam bearings or on angle side supports clamped to the verticals of the "MAGNUS" Universal Test Frame. A long transverse member allows dial gauges to be offset. 'G' clamps enable various arrangements to be secured within the frame.

Related Laws/Applications

- Beam Bending Theory
- Compression Tests
- Modulus of Elasticity
- Strength of Material
- Strain

Technical Specification

- Load supports: 65(L) x 30(W) x 15(H)cm
- Reaction plates: 30(L) x 25(W) x 3(H)cm
- Support blocks: 65(L) x 25(W) x 25(H)cm
- Longitudinal dial Gauge Support: 400(L) x 4 (W) x 4(H)cm
- Transverse dial Gauge Support: 150 (L) x 4 (W) x 4(H)cm
- 2 Rollers: Ø4.5 x 30(L)cm
- 2 Rockers: Ø2.25 x 30(L)cm
- Material: Steel

Essential Ancillaries

- HPM1: "MAGNUS" Universal Test Frame

What's in the Box?

- 3 x Load supports
- 6 x Reaction plates
- 8 x Support blocks
- 2 x Side support
- 2 x Longitudinal dial Gauge Support
- 1 x Transverse dial Gauge Support
- 6 x Guide plate
- 2 x Rollers
- 2 x Rockers
- 4 x Pressure Plates
- 20 x 'G' clamps
- 1 x Tape Measure
- Instruction Manual
- Packing List
- Test Sheet

You might also like

- HPM20: Dial Gauges and Holders set
- HPM6/1: Plane Frame
- HPM6/1A: Plane Frame Fitted with Strain Gauges
- HPM4/1: (Manual Only) Ultimate Moment of a Reinforced Concrete Beam
- HPM4/2: (Manual Only) Crack Control in a Reinforced Concrete Beam
- HPM5/1: (Manual Only) Stress Grading of Timber Joists

Weights & Dimensions

- Net Weight: 420 kg
- Gross Weight: 620 kg
- Packing Case Dimensions: 408(L) x 70(W) x 70(H)cm
- Packing Case Volume: 1.992m³

Essential Services

- Level concrete floor
- Good lighting

Operational Conditions

- Storage temperature: -10°C to +70°C
- Operating temperature range: +10°C to +50°C
- Operating relative humidity range: 0 to 95%, noncondensing

Ordering information

To order this product, please call PA Hilton quoting the following code: HPM2

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS