



DIAL GAUGES AND HOLDERS SET HPM20



1 to 2
participants

Space required
0.5x0.5 m

Features

- Analogue and digital dial gauge for measuring deflections on UTM MAGNUS (HPM) experiments
- Ideal for use with customer bespoke experiments
- Magnetic holders can be placed anywhere
- Holders have wide range of positions
- Digital gauges compatible with HPM15 Data Acquisition system
- Point and Flat contact points supplied
- Holders with quick and easy magnetic activation switch

Description

A versatile set of analogue and digital dial gauges, and magnetic holders for use with the UTM MAGNUS (HPM) range. The digital dial gauges are completely compatible with the HPM15 Data Acquisition System and software, and hence can be used with customer bespoke experiments. All dial gauges can be attached to the holders using their back plates. The magnetic holders have a front panel switch which when turned energises the holder and allows it to be mounted to many steel objects. The holders have "knuckle" joints which allow fine adjustment of the dial gauge over the measuring point. Also supplied are data cables for connecting the digital dial gauges to the HPM15 Data Acquisition System. To accommodate the type of contact point required for the dial gauges, both ball anvils and flat anvils are supplied.

Technical Specification

- Analogue gauge: 0 to 25mm measuring range, 0.01mm resolution
- Digital gauge: 0 to 12.7mm measuring range, 0.01mm resolution
- All gauges: Ø58mm
- All gauges: back plate with lug for mounting to holder
- Holder adjustment range: approx 0...100mm.
- Holder height: approx 230mm

Recommended Ancillaries

- Customer bespoke experiment
- HPM1: MAGNUS Universal test frame
- HPM2: MAGNUS accessories
- 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

What's in the Box?

- 4 x Analogue dial gauge
- 2 x Digital dial gauge
- 2 x Data cable for digital dial gauge
- 2 x Magnetic base and dial gauge holders
- 6 x Ball anvils
- 3 x Flat anvils
- Instruction manual
- Packing list
- Test sheet

Weights & Dimensions

- Gross Weight: 7.0 kg
- Packed Dimensions: 49 x 37 x 15cm

Essential Services

- Customer bespoke experiment
- Experiment from the UTM Magnus (HPM) range

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:
HPM20

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