



OPTIONAL COMPRESSION ACCESSORY

HSM18c



Year 2
study

Features

- Expands the HSM18
- Compression specimens
- Easy to install and connect to HSM18

Description

An optionally available compression test set, comprising both brass and aluminium compression test specimens. Four electrical resistance strain gauges are attached to the surface of the rectangular cross section test specimens. Integral leads are attached to the strain gauges, which are coloured to match the HSM18 sockets to make connection quick and easy. A 40 : 1 metal lever rests on a fulcrum, and with the weights and hanger of the HSM18, allows the compressive load to be applied.

Related Laws/Applications

- Electrical Resistance Strain Gauges
- Compression
- Lever
- Wheatstone Bridge
- Moment

Learning capabilities

- Measure direct compressive stress
- Poisson's Ratio

Technical Specification

- Compression Strut: Brass and aluminium
- Compression Strut: 95(L) x 9.5(W) x 4.8(H) mm
- Red and Blue leads: 2m each

Essential Ancillaries

- HSM18

What's in the Box?

- 2 x Compression specimen
- 1 x Test lever
- 1 x Back stay
- 1 x Mounting
- 2 x 5N; 2 x 10N
- Instruction manual
- Packing list
- Test sheet

You might also like

- HSM18t
- HST35

Weights & Dimensions

- Weight: 2 kg

Essential Services

- HSM18

Ordering information

To order this product, please call PA Hilton quoting the following code:
HSM18c

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COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS