



P4334

TORSION APPARATUS

APPLICATIONS

- ◆ Demonstration of torsion characteristics of small diameter rods of different materials
- ◆ Determination of modulus of rigidity of different materials

FEATURES

- ◆ Compact bench top unit
- ◆ Simple operation, with accurate repeatable results

DESCRIPTION

Cussons Torsion Apparatus is a most useful piece of bench mounted equipment and consists of a horizontal unit to take specimens up to 6 mm diameter by 450 mm long (0.25 inches x 18 inches). The torsion head is supported in ball bearings and torque is applied by a mass hanger and masses. Angular displacement is measured by a dial and pointer which can slide along the base to enable readings to be taken at any point. Supplied complete with a stainless steel specimen of 6 mm dia and one pointer.

P4335 Dial Gauge Attachment

For use with P4334 and calibrated to read directly in radians. 1 division is equal to $\frac{1}{5000}$ radians.

P4336 Extra specimens (three) for use with P4334

Comprising bright mild steel and stainless steel of 4.5 mm dia and brass of 6 mm dia.

P4337 Set of Masses for use with P4334 (Hanger 1, Masses 2 x 2 kg + 1 x 1 kg + 1 x 500g + 2 x 200g).

SERVICES

None required.

DIMENSIONS

41 cm long x 20.5 cm wide x 22 cm high (P4334)

SHIPPING DETAILS

69 cm long x 28 cm wide x 38 cm high
18 Kg Gross