

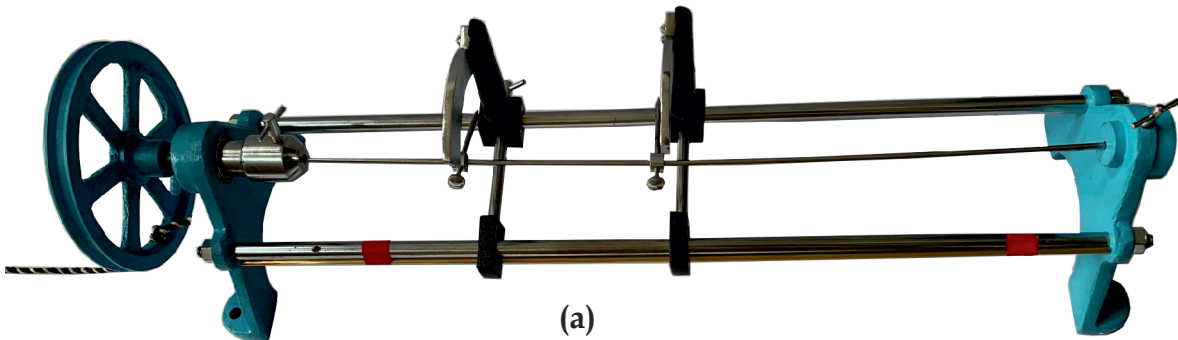
Experiment(s):

1. Determination of rigidity modulus of the material in the form of rods

(For more details, procedure & manual visit: www.kamaljeeth.net)

Experiment setup consists:

- a) Static torsion apparatus
- b) Weight set

**Specifications:****a) Static torsion apparatus**

Length: 600 mm

Supporting rods: Graduated in cm

Wheel diameter: 165 mm

Wheel mounted on bearing to reduce friction

Test rod: approx 550 mm, with 2 pointers to read angle of deflection

Max test rod diameter: up to 6 mm

Circular scale: Graduated in degrees $30^\circ - 0 - 30^\circ$

Resolution: 1°

Weight set: hung by cord to wheel

b) Weight

Slotted weight 5 x 500 g



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