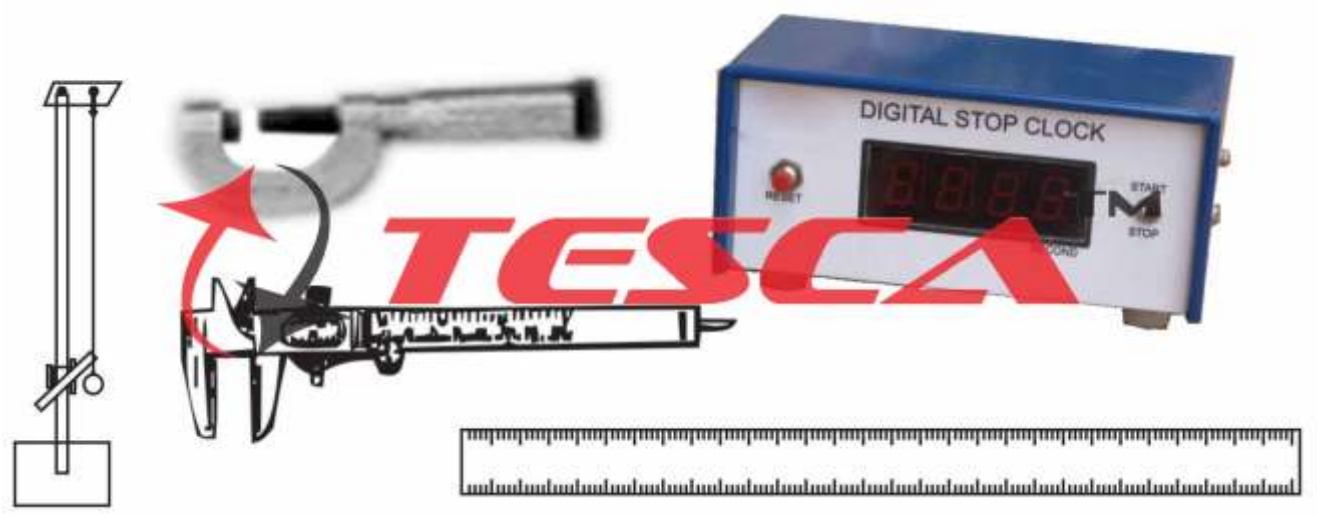

55876 Experimental Set-Up has been designed specifically to Study the Torsion of Wire, its Dependance on Radius, Length Torque and Material of wire & to determine the modulus of rigidity of the material of wire with the help of torsional pendulum.
The set up is absolutely self contained and requires no other apparatus. Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

01 Study & determination of that modulus of rigidity of material of wire with the help of a torsional pendulum.

FEATURES

The Complete Experimental Set-up consists of following items:

01 Torsion pendulum :
Consisting of a steel ball suspended by a wire to the clamp. Has a steel knife edge and has arrangement for changing the length of the wire. Complete with wall bracket.
02 Digital Stop Clock : With START/STOP operation by means of toggle switch & RESET by a push button switch. It has a range of 999.9 seconds with resolution of 0.1 seconds and accuracy of ±0.01% (Quartz controlled). Display is thorough 4 no's of 12.5mm bright Seven Segment Displays and working voltage of the unit s 230V± 10% 50Hz.
03 Screw Gauge : 1 No.
04 Metre scale : Length of 50cm.
05 Vernier Callipers : 1 No.
06 Wires of different materials:
1.1 Steel
1.2 Copper
1.3 ron
1.4 Brass. Each of 50cm 24 or 26 SWG length.
07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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