Product name:	Product code:
Digital Torsion Testing Machine	MTL-0002



Description

Digital Torsion Testing Machine

Technical specification

Reverse 1.5 RPM
Reverse 1.5 RPM
Reverse 1.5 RPM
Reverse 1.5 RPM
Reverse
5 Distance between grips (mm) 0 – 400 0 – 450 0 – 500 0 – 600 0 – 1000
6 Grips for round bar of dia (mm) 4 – 8
8 – 12 7 – 10
10 – 15
15 – 20 10 – 17
17 – 24
24 – 30 10 – 18
18 – 26
26 – 34 20 – 30
30 – 40
40 – 50
7 Grips for flat bars
thickness
Width 2 – 8
25 3 – 10
30 5 – 12
40 5 – 15
50 10 – 20
60
8 3 Ph, 440V,
50 Hz, AC
Motor HP Approx 0.5 0.5 1.0 1.0 2.0

Torsion Testing Machine in the industry. Our torsion testing machines are designed and developed for conducting torsion and twist on various metal wires, tubes and sheet materials. The torque is measured by the pendulum dynamometer system. The torque can be adjusted by adding weight to the machine. Torque can also be applied to specimen by geared motor through gearbox. Autographic records gives the relation between torque and Angle of twist.
Every machine has the accuracy of 1% of the true torque and calibrated according to standards set by IS, BS, ASTM.
Suitable for material manufacturers, research institutions, testing laboratories, and educational institutions in metals.

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FEATURES:

- Set of jaws to accommodate different size and diameter of test specimens provided
- Computerized torsion testing machine is also available
- Suitable for Torsion and Twist test on various metal rods and flats
- Torque measured by pendulum dynamometer system
- Geared motor to apply torque to specimen through gear box
- Easy to use
- Precise and correct results
- Requires low maintenance

1 Max. torque capacity (Nm) 100 200 500 1000 2000
2 Torque Resolution (Nm) 0.01 0.02 0.05 0.1 0.2
3 Angle of twist (Degree) 0.1 0.1 0.1 0.1 0.1
4 Torsion speed and direction 1.5 RPM