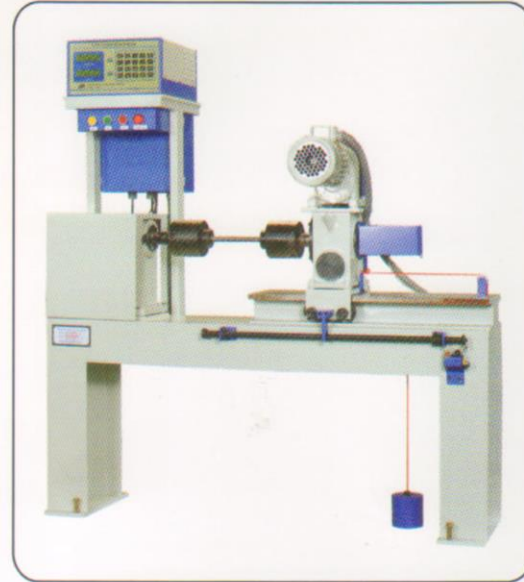
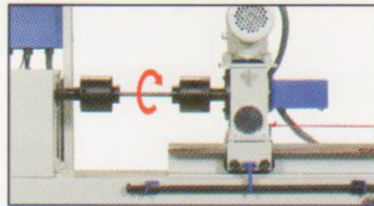


Features:

- Suitable for Torsion and twist tests on various metal rods and flats.
- Torsion measurement by torque cell.
- One range with a high resolution throughout the range.
- Geared motor to apply the torque to specimen through gear box.
- Measurement of Angle of Twist by Rotary Encoder.
- Display of Torque & Angle of Twist on LCD display provided on Data Acquisition System.
- Facility for connecting the DAS Panel to PC.
- Accuracy of torque measurement $\pm 1\%$ in the range from 4% to 100% of machine capacity.
- Provision to conduct test slowly by a handle facilitates finding modulus of rigidity 'G'



Technical Specifications:

Sr. No.	Specifications	MTT-E-100 Nm	MTT-E-200 Nm	MTT-E-500 Nm	MTT-E-1000 Nm	MTT-E-2000 Nm
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 & direction	1.5 RPM 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 around 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	Three Phase, 440V, 50Hz. AC Motor HP Approx	0.5	0.5	1.0	1.0	2.0

Optional Accessory:

Special comprehensive software for Torsion test to give Torque versus Angle of Twist graph and also to calculate various parameters like Torsional shear strength, Modulus of Rigidity, etc.