



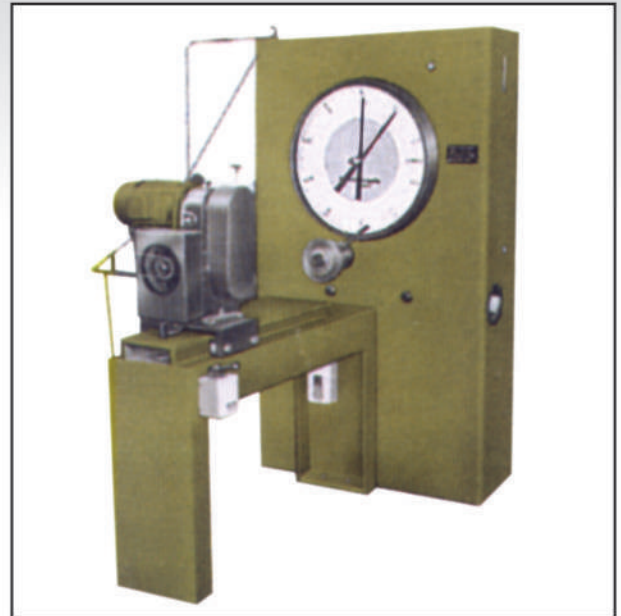
Torsion Testing Machine

APPLICATION & OPERATION :

Torsion Testing Machine is designed for checking Torsional property of various metal wires, tubes, bars etc.

Torque applied to the specimen is transferred to measuring dial through lever mechanism. Torque is measured by Pendulum Dynamometer system. Torque ranges can be adjusted by adding weights. Geared motor is used to exert required torque at other end of specimen. Autographics Recorder gives the relation between Torque and Angle of Twist. These machines are calibrated as per latest IS standards.

Calibration is within $\pm 1\%$ within operating range of all models.



MODEL : TTA - 20

TECHNICAL SPECIFICATIONS

MODEL		TTA - 10	TTA - 20	TTA - 50	TTA - 100
Capacity	Nm	100	200	500	1000
Torque Ranges	Nm	20, 50,100	50,100,200	50,100,250,500	100,250,500,1000
Divisions on Dial	Nos.	500	500	500	500
Test Speed	RPM	0.5	0.5	0.5	0.5
Clearance Between Grips	mm.	0-420	0-450	0-500	0-500
Grips For Flat Specimen Dia	mm.	4-8 8-12	7-10 10-15 15-20	10-17 17-24 24-30	10-17 17-24 24-30
Grips For Flat Specimen Thick Width	mm.	2-8 25	2-8 25	2-12 40	2-12 40
Power Requirement 415 V. 50 hz. 3 Phase	kW.	0.25	0.25	1.0	1.0

Sold & Serviced by :



Aditya Instruments _____

*Mfg. of : Universal, Impact, Hardness,
Electronic Testing M/c. & its Spares.*

Plot No. 9, Kamala Neharu Society, Near Modern High School, Ichalkaranji - 416 115. (M.S.)

● Telefax (0230) 2425003 ● E-mail : ich_ai@rediffmail.com