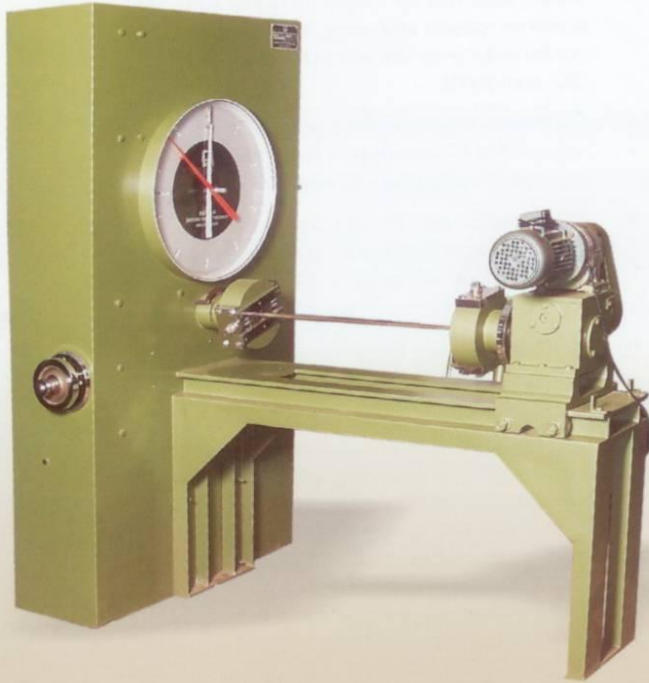




Torsion Testing Machine

Specifications

- Unique 'TALON-CLAW' Grips for Round and Flat specimens
- Torsional Speed of 0.1/0.2 RPM
- Torque Compensated Motors
- Maintenance Free Gear Box
- Auto Range Selection with Range Selector Wheel (Optional)
- 3 or 4 Torque Ranges for Higher Accuracy (Optional)
- Load-unload Capability
- Variable Speed Drive (Optional)



Digital Mode also available

ASI Torsion Testing Machine is designed for conducting Torsion and Twist Tests on various metal wire, tubes sheet materials. Torque measurement is by pendulum Dynamometer System. Torque ranges can be adjusted. Torque can be applied to specimen by geared motor through gear box. Autographic recorder can be provided to know the relation between torque and angle of twist on specific request.

The Accuracy of the torque indication + 1% of the true torque.

Technical Specification

Model	AMT-3a	AMT-3b	AMT-3c	AMT-3d	AMT-3e	AMT-3f	AMT-3g	AMT-3h
Capacity kg-m	6	10	20	50	100	200	300	600
Ranges in kg-m	6 & 3	10, 5 & 2	20, 10, & 5	50, 25 & 10	100, 50 & 20	200, 100 & 60 & 30	300, 150 & 100 & 60	600, 300 & 100
No. of divn. on dial	500	500	500	500	500	500	600	600
Torsion Speed & Direction	Fixed One way	Fixed Reverse	Fixed Reverse	Fixed Reverse	Fixed Reverse	Fixed Reverse	Fixed Reverse	Fixed Reverse
Clearance Between Grips (mm)	0-400	0-420	0-450	0-500	0-500	0-1000	0-1000	0-1500
Grips for Round bars (mm)	4-12	4-12	7-20	10-30	10-34	20-50	30-60	40-70
Grips for flat bars (mm)	1-5	2-8	3-10	5-12	5-15	10-20	15-25	25-40
Width (mm)	25	25	30	40	50	60	60	70
Gear Motor 3ph (ph)	0.5	0.5	0.5	0.5	0.5	2.0	3.0	5.0

Due to constant R & D, specification and features are subject to change without notice.