



Model : SSS-TT-20

TORSION TESTING MACHINE

FEATURES :

TORSION TESTING MACHINE IS DESIGNED FOR CONDUCTING TORSION AND TWIST ON VARIOUS METAL WIRES, TUBES, SHEET MATERIALS. TORQUE MEASUREMENT IS BY PENDULUM DYNAMOMETER SYSTEM. TORQUE RANGES CAN BE ADJUSTED BY ADDING WEIGHTS. TORQUE CAN BE APPLIED TO SPECIMEN BY GEARED MOTOR THROUGH GEAR BOX. AUTOGRAPHIC RECORDER GIVES THE RELATION BETWEEN TORQUE AND ANGLE OF TWIST. THE ACCURACY OF THE TORQUE INDICATION IS 1% OF THE TORQUE.

TECHNICAL DATA

SPECIFICATION	UNIT	SSS- TT-6	SSS- TT-10	SSS- TT-20	SSS - TT-50	SSS - TT-100	SSS - TT-200	SSS - TT-300	SSS- TT-600
Max Torque Capacity	Kg-m	3	10	20	50	100	200	300	600
Torque Ranges	Kg-m	6,3	10,5,2	20,10,5	20,25,10,5	100,50,2 5,10	200,100 50,20	300,150 60,30	600,300 150,60
No. Of divisions on dial		600	500	500	500	500	500	600	600
Torsion Speed	RPM	0.50-420	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Clearance Between Grips.	mm		0-420	0/450	0-500	0-600	0-1000	0-1000	0-10000
Grips for Round Bars.	mm	4-8 8-12	4-8 8-12	7-10 10-15	10-17 17-24	10-18 18-26	20-30 30-40	30-40 40-50	40-50 50-60
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
Motor 3 Ph. (Approx.)	H.P.	0.33	0.33	0.33	1.0	1.0	3.0	5.0	7.5

Due to constant research and development, specifications and features are subject to change without notice.