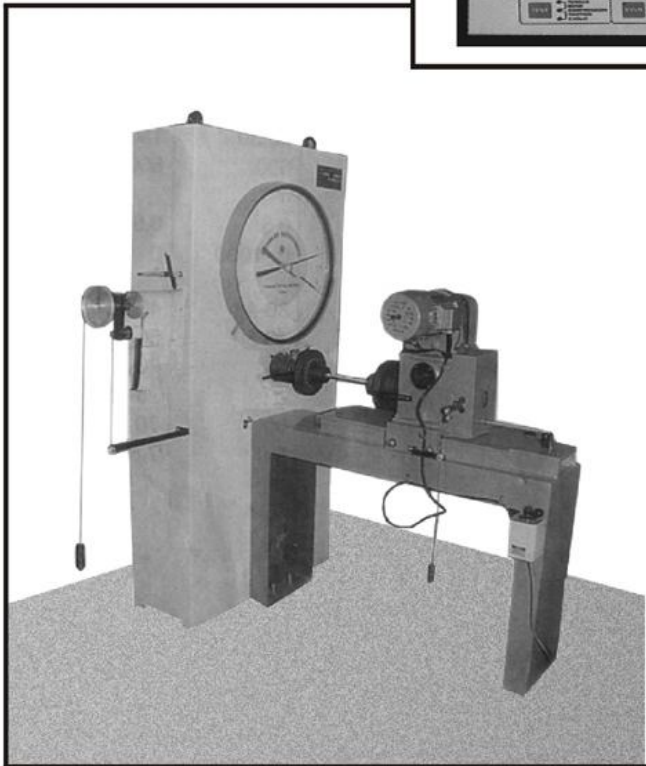
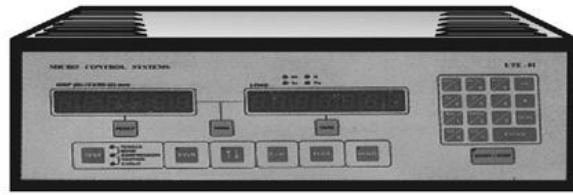


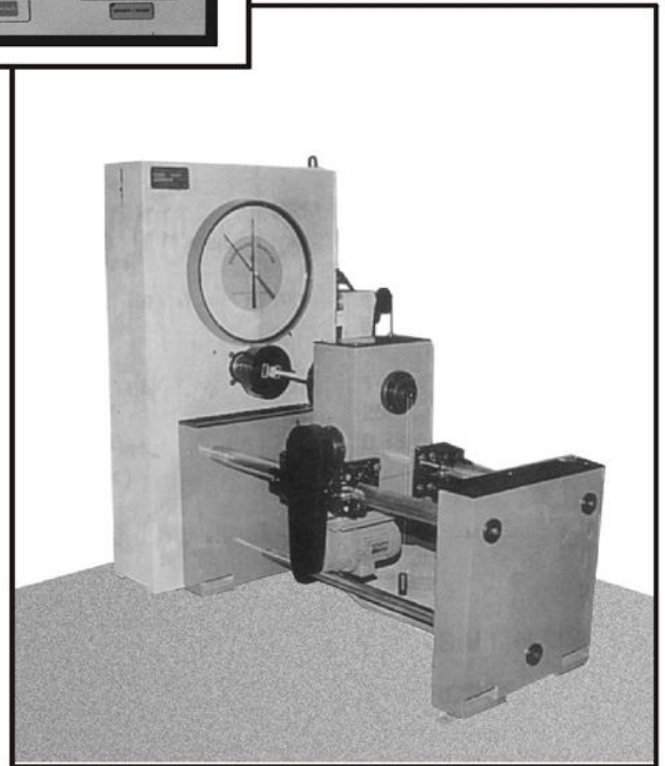
FEATURES :

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. THE ACCURACY OF THE TORQUE INDICATION IS $\pm 1\%$ OF THE TORQUE.

MCS HAS DEVELOPED A MICROPROCESSOR BASED PANEL TO INDICATE TORQUE & ANGLE ON DIGITAL DISPLAY. STRAIN GAUGE TYPE TORQUE TRANSDUCER IS USED TO SENSE TORQUE. ROTARY ENCODER IS USED TO MEASURE ANGLE OF TWIST. PEAK TORQUE, ANGLE OF TWIST RESULTS ARE AVAILABLE ON PANEL. ALSO TORQUE VS ANGLE OF TWIST GRAPH IS AVAILABLE ON DOT MATRIX PRINTER CONNECTED TO PANEL (PRINTER TO BE SUPPLIED BY CUSTOMER) PANEL IS HAVING FACILITY TO CONNECT IT TO PC THROUGH SERIAL LINK WITH DATA TRANSFER SOFTWARE (OPTIONAL).



MODEL : MTT - 20



MODEL : MTT - 50

TECHNICAL DATA

SPECIFICATIONS	UNIT	MTT-60	MTT-100	MTT-200	MTT-500	MTT-1000	MTT-2000	MTT-3000	MTT-6000
Max. Torque Capacity	Nm	6	10	20	50	100	200	300	600
Torque Ranges.	Nm	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
Torque Resolution :	1/10000 of Capacity								
Torsion Speed	RPM	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Clearance Between Gr ps.	mm	0-420	0-420	0-420	0-500	0-600	0-1000	0-1000	0-1000
Gr ps for Round Bars.	mm	4-8	4-8	7-10	10-17	10-18	20-30	30-40	40-50
		8-12	8-12	10-15 15-20	17-24 24-30	18-24 26-30	30-40 40-50	40-50 50-60	50-60 60-70
Gr ps 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

► Fully COMPUTERISED MODELS WITH USER FRINDLY SOFTWARE PACKAGES.

► SUITABLE FOR RODS, WIRE ROPES, FLANTS ETC.

Machines upto 2500 Kg-m. Capacity will be available on special enquiry

Due to constant rsearch and development, specification and feaures are subject to change without notice.

Manufactured By :

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Marketed By :

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