

COMPUTER CONTROL TORSION TESTING MACHINE

MODEL: TE1405/10/20



LARYEE
— MAKE TEST EASY —

Applications:

This is a perfect testing instrument which is suitable for project quality testing section, universities and colleges, research institution and industrial and mining enterprise.

The loading system of this machine, controlled by computer, rotates load through alternating servo motor and cyclical gear reducer. Torque and twist angle detection uses the high-precision torque sensor and a photoelectric encoder; computer displays dynamically the curve of test torsion angle and torque, rate of loading, peak of power and so on.



Key Specification:

Model	TE1405	TE1410	TE1420
Maximum torque of test(Nm)	500	1000	2000
Relative error of torque	$\leq \pm 1\%$		
Range of torsion angle measure	0~9999.9°		
Relative error of torsion angle	$\leq \pm 1\%$		
Display of torsion angle	Minimum resolution 0.1°		
Diameter of clamping sample(mm)	$\varnothing 6 \sim 20\text{mm}$		
Maximum distance between two collets(mm)	500		
Range of reverse speed	3.6~540°/min, Variable speed		
Precision of speed	$\pm 1\%$		
Direction of test rotation	Bidirectional		
Power supply	220V $\pm 10\%$, 50Hz		

Accessories:

Standard Accessories	Optional Accessories
PC, Printer, Torque Sensor, Encoder, Servo Motor, Specimen Grip Block, Installation Tools	Torque Extensometer, Three jaw chuck for sample