

TNS-S-L Series

SPRING TORSION TESTING MACHINE



Features

- Vertical clamping, avoid the non-negligible friction force for small-sized springs.
- The torsion angle and torque are both digitally displayed.
- Manual loading, rotation direction can be either left or right.
- Compact in mechanism, easy to operate, and quick to test.

Applications

This series of testing machines is mainly applicable for testing the torsion angle and torque of various kinds of small-sized torsion springs, coil springs, elastic components and other friction structures.

Technical Specification

Model	TNS--S50L	TNS--S100L	TNS--S200L	TNS--S500L	TNS-S1000L	TNS--S2000L
Max. torque (N.mm)	50	100	200	500	1000	2000
Min reading of torque (N.mm)	0.01	0.01	0.01	0.01	0.1	0.1
Max. torsion angle (°)	9999.9					
Min. reading of torsion angle (°)	0.1					
Classification of testing machine	Class 1(+/-1%)					
Max. length of spring (mm)	70					
Diameter of torsion plate (mm)	100					
Power supply	AC, 220V 50Hz					