

Computer Control Torsion Testing Machine



Application

Torque test machines measure the torsional strength, stiffness and stress-strain properties of materials and products which are the ideal solution for biomedical, automotive, and aerospace applications. Torsional testing machines are used to simulate real life service conditions and to check product quality for products such as drill tool bit tips and medical devices, screws and other fasteners, wire, and much more. Get started by deciding if you need a static system or a dynamic fatigue system.

Specifications

Model	NDW-200	NDW-500	NDW-1000	NDW- 2000	NDW-3000	NDW-5000
Measuring range (Nm)	200	500	1000	2000	3000	5000
Torque Resolution (Nm)	0.02	0.05	0.1	0.2	0.5	0.5
Clearance between	500					
Torque resolution	1/500000					
Relative error of torque	±0.5%					
Torque effective test	0.4%~100%F·S					
Resolution of torsion angle	0.002°					
Test accuracy of torsion	≤±0.5%					
Torsion speed	0.01 ~ 1500°/min, Can be customized					
Relative error of torsion	±0.5%					
Protection function	the tester has overload protection function					
Twist appendage	three jaw chuck type, two - way roof tightness					