

High and low Temperature Torsion Testing Machine



Picture is for reference only

Application

This series torsion testing machine is suitable for metal materials, non-metallic materials, composite materials and components of torsion performance test.

Standard

GB/T 10128-1998 《Metal room temperature torsion test method》

GB/T 10128-2007 《Metal room temperature torsion test method》

Specification

Model	NDW-100G	NDW-200G	NDW-500G	NDW-1000G	NDW-2000G	NDW-3000G	NDW-5000G
Maximum Torque (N/m)	100	200	500	1000	2000	3000	5000
Control Method	Constant torque and constant speed rotation, constant						

	speed twist angle , close loop control mode
Machine level	1 Class
Torque Test Range(F·S)	2%-100%F·S
Torque value relative error(%)	$\leq \pm 1$
Torque display resolution	1/20000
Torsional Angle Test Range(F·S)	2%-100%
Torsional Angle value relative error (%)	Better than ± 0.5
Torsional Angle display resolution	1/20000
intersection angle value relative error (%)	$\leq \pm 1$
intersection angle display resolution(°)	0.01
Max. torsion Angle	99999°
Torsional angular rate control range (°/min)	0.05-800
Chuck spacing effectively (mm)	600
Power Supply	220V $\pm$ 10%, 50Hz
High Temperature test chamber	
Temperature range	+20℃~200℃ or -40-200200℃
Temperature fluctuation	$\leq \pm 1$ ℃
Cooling system	compressor