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COMPANY PRODUCT

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High and low Temperature Torsion Testing Machine

Product description:

ApplicationThis series torsion testing machine is suitable for metal materials, non-metallic materials, composite materials and components of torsion performance test.StandardGB/T 10128-19

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PRODUCT DETAILS   PRODUCT VIDEO

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(%)	≤±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 (%)	≤±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±10%, 50Hz						
High Temperature test chamber							
Temperature range	+20℃~200℃ or -40-200200℃						
Temperature fluctuation	≤±1℃						
Cooling system	compressor						

Model	NDW- 100G	NDW- 200G	NDW- 500G	NDW- 1000G	NDW- 2000G	NDW- 3000G	NDW- 5000G
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