

## KASON-N200W SERIES

Computer Control Torsion Testing Machine



### APPLICATION

This series materials torsion testing machine is used for torsion test of metal materials, nonmetallic materials, composite materials and components.

### STANDARDS

- ASTM A938 Torsion Testing of Wire
- ASTM D7860-14 Torque Retention for Child Resistant Packaging
- ASTM F543 Metallic Medical Bone Screws
- ASTM F1717 Spinal Implant Constructs
- ASTM F2346 Characterization and Fatigue Testing of Spinal Intervertebral Disc Prostheses
- IEC 888 Zinc Coated Steel Wires
- ISO 7800 Torsion Testing Wire

### TECHNICAL SPECIFICATIONS

MODEL	KASON-NDW-N200W	KASON-NDW-N500W	KASON-NDW-N1000W	KASON-NDW-N2000W	KASON-NDW-N3000W	KASON-NDW-N5000W	KASON-NDW-N10000W
Maximum TorqueN/m	200	500	1000	2000	3000	5000	10000
Machine level	0.5 Class						
Torque Test Range	0.4%~100%F-S						
Torque value relative error	±0.5%						
intersection angle display resolution(°)	0.002°						
Control method	Close-loop control of torque,torsion angle and deformation						
Max. torsion Angle	99999°						
Torsional angular rate control range (°/min)	0.01-15000						
Chuck spacing effectively	500mm			650mm			
Power Supply	220V±10%, 50Hz						

## KASON-BW SERIES

Torsion Testing Of Fasteners/Bolt/Nut



### APPLICATION

It is mainly used to check the material performance of bolts nuts, double-screw bolts etc., fastener and connection pairs of various grade 12.9, 10.9, 9.8, 8.8. Can measure the preload, fastening axial force F, yield fastening axial force, yield clamp force, limit clamp force, safety load, breaking load, torque T, angle etc.

### TECHNICAL SPECIFICATIONS

MODEL	KASON-BW
Bolt force accuracy	± 1%
Effective test space	0~650mm (stepless adjustable)
Rotation Angle Accuracy	0.01°
Rotation Method	Tight nut/ Tight bolt
Rotation direction	Bi-Direction
Humidity range	0% to 90% non-condensing
Storage temperature	-40 to +66oC (-40 to +150oF)
Power supply	50Hz, 220V