CEDAR®

ROTATE TORQUE TESTER NTS-6 Series

Rotation starting torque and the load torque under rotation are measured.

(Thing which does not rotate itself and which does not have power)

Measurement by the high precision gear motor and the strain meter
While an output shaft carries out self-rotation, the load fluctuation of a solid of revolution is caught by the sensor.

The main functions
- Peak, Real time and Peak down measuring mode (selectable) .
- Programmable High and Low set points with both audible beep and Green/Red LED indicator for uniform torque tightening or GO/NO GO testing.
- The type of series is five kinds.
 It is adapted for various torque ranges (0.1 mN-m - 2 N-m).
- External input and output are also substantial.
 An OK-NG output and data output (USB) External start signal input
- By RG mode (real-time output) loading, a torque wave is also simply with a personal computer.

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Specification

Form	NTS-06				
	S-1	S-2	S-5	S-10	S-20
Measuring range (at the time of TRUCK mode)	3.0〜100mN・m	3.0〜200mN・m	0.030〜0.5 N・m	0.030〜1 N・m	0.030〜2 N・m
Accuracy	±1 %				
	30 mN・m or Less ±3dijit		0.3 N・m or Less ±3dijit		
Rotational frequency (at the time of no-load)	85rpm	25rpm	13rpm	18rpm	18rpm
Display	The 4 figures digital display of LCD				
Measurement direction	CW-CCW Possible (right and left) It rotates by the motor.				
Measurement mode	Peak operation mode (PP): Display the maximum under measurement. Truck mode (GO): Always display the load torque which has started. RG mode (PD): Carry out the data output of the load torque every 1/ 87 seconds.				
Measurement start time	Time after beginning rotation until it starts measurement is set up (0.0 - 1 second).				
Torque judging	It is in measuring range and a setup of a maximum value and a minimum value is possible. [O.K. In the Set point] Lamp lighting : [NG Outside the Set point] Error buzzer				
External input and output	Signal output (open collector): O.K., NG Data output: ASCII format (baud rate 19200), External start switch input				
Data output	ASCII format (baud rate 9600)				
Power supply	AC100V〜240V				
Detection size	φ4			HEX6.35	
Outside size Indicator	166(W)×142(D)×48(H)				
Detector	φ28×149		φ37×191	φ40×235	
Attachment	bits				
	Inspection report, Proofreading certificate, Traceability system figure				

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of each product in a homepage. 《URL http://www.cedar.co.jp》

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JAB
QMS Accreditation
RO14

JMA QMS REGISTRATION CENTER
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