

CEDAR Motorized Friction Torque Tester

Model: NTS-6

- Selectable units lbf-in, Kgf-cm, mN-m or N-m (except oz models)
- Peak, Real Time and Continuous Output modes (selectable)
- RS-232C output
- Both CW and CCW operation
- Programmable high/low setpoints for Go/No Go testing

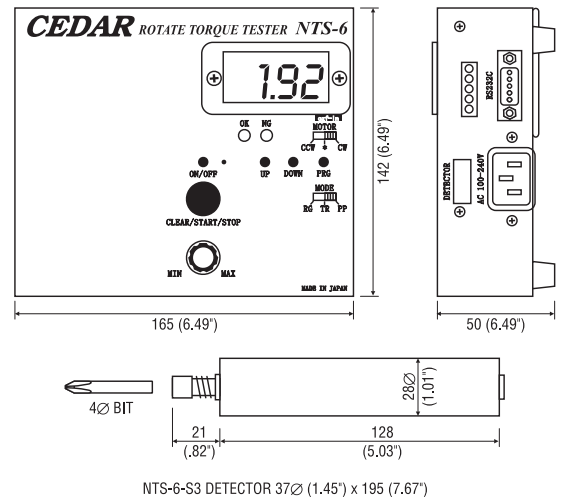
NTS-6 is a motorized friction torque tester that tests the smoothness of rotation of bearings, tightness of oil seals, etc. while turning the sample.

Torque data can be continuously output via RS-232 enabling you to display a torque profile using data acquisition software.

NTS Ranges Accuracy: $\pm 1\%$ F.S., ± 1 LSD (oz models do not have selectable units)

Model	Capacity				
	ozf-in	lbf-in	Kgf-cm	mN-m	N-m
NTS-6-S1oz	0.30 ~ 14.00	—	—	—	—
NTS-6-S2oz	0.30 ~ 28.00	—	—	—	—
NTS-6-S5oz	3.0 ~ 70.0	—	—	—	—
NTS-6-S1	—	0.030 ~ 0.900	0.030 ~ 1.000	3.0 ~ 100.0	—
NTS-6-S2	—	0.030 ~ 1.800	0.030 ~ 2.000	3.0 ~ 200.0	—
NTS-6-S5	—	0.30 ~ 4.50	0.30 ~ 5.00	—	0.030 ~ 0.500
NTS-6-S10	—	0.30 ~ 9.00	0.30 ~ 10.00	—	0.030 ~ 1.000
NTS-6-S20	—	0.30 ~ 18.00	0.30 ~ 20.00	—	0.030 ~ 2.000

NTS-6 Specifications					
	S1/1oz	S2/2oz	S5/5oz	S10	S20
Max. Speed (no-load)	85rpm	25rpm	13rpm	18rpm	18rpm
Display	4 digit LCD display				
Operation	Both CW and CCW motorized rotation				
Measuring modes	PP: Peak Mode displays PEAK torque value that will not change until a higher value is measured. GO: Real Time Mode displays TRANSIENT torque values. RG: Output Torque Data every 1/100 seconds.				
Measurement start time	Can be set up to 1 second in 0.1 second increments.				
Measuring time	Time can be programmed between 1 and 20 seconds.				
Go/No Go testing	Programmable High and Low values; Green lamp (OK solid, NG blinking).				
External input/output	Signal output (open collector): Go and No Go Data output: RS-232C (9600 baud) External start switch input				
Power supply	AC100V~240V				
Bit size	4mm \varnothing			HEX 6.35mm	
Dimensions (indicator)	165mm W x 142mm D x 50mm H				
Dimensions (detector)	28mm \varnothing x 155mm		37mm \varnothing x 195mm		40mm \varnothing x 235mm



Specifications subject to change without notice.