

## Rotating Torque Tester



### Model NTS-6

- Available in: lbf-in, ozf-in, Kgf-cm, N-cm and N-m (specify units when ordering)
- Peak, Real Time and Continuous Output measuring modes (selectable)
- RS-232C output in Both CW and CCW operation
- Programmable high/low setpoints for Go/No go testing

NTS-6 is a motorized rotating torque tester that measures rotating dynamic torque while turning test pieces. Check the rotating torque, smoothness of rotation and components of small precision motors, such as, gearbox, bearings, oil seals, etc. Torque data can be continuously output via RS-232 enabling you to display a torque profile using data acquisition software. Click here for [torque tester data acquisition software](#).



#### NTS-6 Ranges

Accuracy:  $\pm 1\%$  F.S., 1LSD

Model	Capacity
NTS-S1	14.00 ozf-in
NTS-S2	28.00 ozf-in
NTS-S5	70.00 ozf-in

#### NTS-6 Specifications

	S1	S2	S5
Measuring range (at the time of Track)	3.0~100mNm	3.0~200mNm	0.030~0.5Nm
Max. Rotational Speed (no-load)	85rpm	30rpm	13rpm
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		
Data memory	400 data		
Power supply	AC100V~240V		
Bit size	4mm diameter		
Dimensions (indicator)	165mm W x 110mm D x 58mm H		
Dimensions (detector)	28mm dia. x 155mm	37mm dia. x 195mm	