

TNP Series

TNJ Series

Special software for download of measuring data.(TNP series only)

- Download the torque data of open and close into Excel.
- Download the memory data into Excel.
- Create the frequency distribution graph of memory data. ※Excel is registered trade name of Microsoft.



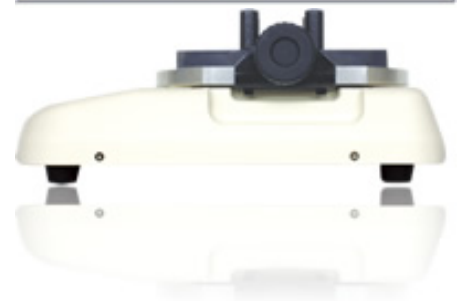
Lower the height, Compact design

126mm height, Fit within A4 size, Space-saving.

USB communication(TNP series only)

Sophisticated type TNP series can download the data to PC with USB, and available various types of data management.

- USB communication
- Comparator function
- Memory function(1000 data)



Economy type(TNJ series)

Simple function and easy measuring, but high accuracy. ※TNJ series does not have USB port and comparator function. Please see specification.

Application



Torque measurement for zoom and focus shot of camera lens.

Open and close torque for cap. Open and close torque measurement for cap of cosmetics or medicines.

Download



TNP special PC software "Digitorgq_TNP" Download the torque data of measuring data into Excel.
Operating environment

- DOS/V Compatible machine
- Windows XP/2000
- Excel 2000 or greater

Specifications

Model	TNP-2(with output)/ TNJ-2	TNP-5(with output)/ TNJ-5	TNP-10(with output)/TNJ-10
Measuring torque	2Nm	5Nm	10Nm
Measuring range	0.000 ~ ±2.000Nm	0.000 ~ ±5.000Nm	0.000 ~ ±10.00Nm
Measuring unit	Nm N· cm kg· cm	l b· in	
	0 ~ 2.000Nm	0 ~ 5.000Nm	0 ~ ±10.00Nm
Display range	0 ~ 200.0Nm	0 ~ 500.0N· cm	0 ~ 1000N· cm
	0 ~ 20.39kg· cm	0 ~ 50.99kg· cm	0 ~ 102.0kg· cm
	0 ~ 17.70 l b· in	0 ~ 44.25lb· in	0 ~ 88.5lb· in

		0.001Nm	0.001Nm	0.01Nm
		0.1N· cm	0.1N· cm	1N· cm
Display resolution		0.01kg· cm	0.01kg· cm	0.1kg· cm
		0.01lb· in	0.01lb· in	0.1lb· in
Chuck range		φ10 ~ φ190mm		
Overload display		Show"OVR"at LCD sub display, blinking LED		
Display	Main display	4-digit LCD display	Character height 12mm	
	Sub display	3-digit LCD display	Character height 7mm	
	Judgment LED	Judgement LED(HI,GO,LO) (available with TNP series only)		
Accuracy		±0.5%/F.S.		
Measuring mode	Open mode	Show max value when opening(peak display) :show max torque at measuring table.		
	Close mode	Show max value when closing(peak display) :show max torque at measuring table		
	Average mode	Real time display(average value display) :show the torque at measuring table in real time.		
Display cycle		Select from 0.125 second (8times/second), 0.25 second (4 times/second), 0.5 second (2 times/second), 1 secnd (1 time/second). Peak display is holded at 0.125 second.		
Sampling range		1 msec(1000times/second)		
Memory (TNP type only)	Memory data number	1000data(max) (available with TNP series only)		
	Satistic process	Average value, Max value, Min value(available with TNP series only)		
Data output		USB 1.1(available with TNP series only)		
PC software		Able to download the memory data by PC software (Digitorq_TNP). (available with TNP series only)		
Accessories		USB cable(available with TNP series only), AC adapter		
Power		Built in nickel hydride battery or AC adapter (AC 100V ~ 240V)		
		(only AC adapter is available for TNJ series)		
Dimensions(mm)		320×227×126		
Weight		8kg		12.5kg
Usage environment.		0 ~ 40°C		

Dimensions

