

# TF Fully Automatic Digital Torque Wrench Tester

Direction



TF2000N

- Calibration
- Digital
- Electric Power
- Direct Reading
- Fully Automatic

- Tool Management System with computer
- Ideal for Calibration Labs
- Fully automatic testing, judging, and data processing

Accuracy ±1%+1digit

Model	CH	Inlet Drive	Torque Range										Dimensions			Weight [kg]	Adapter		
			[N-m]		[kgf-cm]		[kgf-m]		[lbf-in]		[lbf-ft]		[mm]				Hex	Ratchet	Down
			Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	L	W			
TF200N	1	12.7	5-200	0.05	50-2000	0.5	0.5-20	0.005	50-1700	0.5	5-140	0.05	1860			240	□12.7-17-22-27 □12.7-19-24-30 □9.53-10-13-19 □9.53-12-14-17 □19.05-22-27-29 □19.05-30-32-36	RA3mk2 RA4mk2	DA3-2 DA4-3
	2	9.53	0.5-20	0.005	5-200	0.05	0.05-2	0.0005	5-170	0.05	0.5-14	0.005							
TF500N	1	19.05	20-500	0.2	200-5000	2	2-50	0.02	200-4500	2	20-370	0.2				315	□25.4-36-46 □25.4-41-50 □12.7-17-22-27 □12.7-19-24-30 □9.53-10-13-19 □9.53-12-14-17	RA3mk2 RA4mk2 RA8mk2	DA3-2 DA6-4
	2	9.53	2-50	0.02	20-500	0.2	0.2-5	0.002	20-450	0.2	2-37	0.02							
TF1000N	1	25.4	25-1000	0.25	250-10000	2.5	2.5-100	0.025	250-8500	2.5	25-700	0.25	2160	550	930	380	□25.4-36-46 □25.4-41-50 □12.7-17-22-27 □12.7-19-24-30 □9.53-10-13-19 □9.53-12-14-17	RA3mk2 RA4mk2 RA8mk2	DA3-2 DA4-3 DA8-6
	2	12.7	5-200	0.05	50-2000	0.5	0.5-20	0.005	50-1700	0.5	5-140	0.05							
	3	9.53	0.5-20	0.005	5-200	0.05	0.05-2	0.0005	5-170	0.05	0.5-14	0.005							
TF2000N	1	25.4	100-2100	1	1000-21000	10	10-210	0.1	1000-18000	10	100-1500	1	2660			415	□25.4-36-46 □25.4-41-50 □19.05-22-27-29 □19.05-30-32-36 □9.53-10-13-19 □9.53-12-14-17	RA3mk2 RA6mk2 RA8mk2	DA3-2 DA4-3 DA8-6
	2	19.05	20-500	0.2	200-5000	2	2-50	0.02	200-4500	2	20-370	0.2							
	3	9.53	2-50	0.02	20-500	0.2	0.2-5	0.002	20-450	0.2	2-37	0.02							
TF3000N	1	38.1	200-3000	1	2000-30000	10	20-300	0.1	2000-25000	10	200-2000	1	3160			450	□38.1-36-46 □38.1-41-50 □25.4-36-46 □25.4-41-50 □19.05-22-27-29 □19.05-30-32-36	RA6mk2 RA8mk2 RA12	DA6-4 DA8-6 DA12-8
	2	25.4	100-2100	1	1000-21000	10	10-210	0.1	1000-18000	10	100-1500	1							
	3	19.05	20-500	0.2	200-5000	2	2-50	0.02	200-4500	2	20-370	0.2							

Note Refer to page 68 for adapters.

### ◆ Calibration Kit for TF

\* Sold separately. Refer to page 63.

# TDT3-G Digital Torque Screwdriver Tester

Direction



TDT600CN3-G with loading device (Model: STA)



- Calibration
- Digital
- Manual Rotary
- Direct Reading
- Loading Device

RoHS

- Ideal for testing click and indicating type torque screwdrivers
- Newly added judgment function and USB output
- Multiple units of measure through keypad setup
- Optional TDTLA3 for testing small torque wrenches and LTA for indicating type torque screwdrivers

Accuracy ±1%+1digit

Model	Torque Range								Inlet Drive	Dimensions [mm]			Weight [kg]
	cN-m		kgf-cm		ozf-in		lbf-in			[mm]	Overall Length	Width	
	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit					
TDT60CN3-G	2-60	0.005	0.2-6	0.0005	3-80	0.005	0.2-5	0.0005	6.35 Hex (Male)	230	220	225	11
TDT600CN3-G	20-600	0.05	2-60	0.005	30-800	0.05	2-50	0.005	with a groove (0.7mm)				

Note 1. Loading device keeps stable measuring conditions to avoid reading errors.  
2. Max 1,000 measured data can be stored.

Standard Accessories 1. AC Adapter/BA-6, 2. Loading Device/STA

### ■ TDT3-G Optional Accessories

#### Connecting Cable (P.50)

Part #	Applicable Model
383	TDT3-G - PC, EPP16M3
385	TDT3-G - PC

#### Loading Device

Model
TDTLA3
LTA
STA

As for TDTLA3, TDT60CN3-G measures 2-60 cN-m and TDT600CN3-G measures 20-600cN-m range of torque wrenches. LTA is for direct reading torque drivers such as FTD and STC. STA is for tightening torque driver such as RTD and LTD.

#### Printer (P.69)

Model
EPP16M3

#### Data Filing System (P.69)

Model	Media
DFS	CD-ROM

#### Hex Adapter

Part #	Description
480	1/4-5-8-12
481	1/4-6-10-13
482	1/4-7-11-14
483	1/4-16-19-22
484	1/4-17-21-24

#### Loading Device Adapter for TDT/TDT2-G

Part #	Description
485	TDTLA3 to TDT, TDT2-G
486	STA, LTA to TDT, TDT2-G

### ◆ Calibration Kit for TDT3-G



\* Sold separately. Refer to page 63.