

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 $\pm 1\% + 1\text{digit}$

Model	CH	Inlet Drive	Torque Range										Dimensions			Weight [kg]	Adapter		
			[N·m]		[kgf·cm]		[kgf·m]		[lbf·in]		[lbf·ft]		[mm]				[mm]		
			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	H	Hex
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	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	□19.05-22-27-29 □19.05-30-32-36 □9.53-10-13-19 □9.53-12-14-17	RA3mk2 RA4mk2	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	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	
	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)



CE

TDT600CN3-G with loading device (Model: TDTLA3)
* Sold separatelyTDT600CN3-G with loading device (Model: LTA)
* Sold separately

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 $\pm 1\% + 1\text{digit}$

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

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, TDT600CN3-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	1/4-5.5-8-12
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.