

DOTE4-G-MD2

Direction

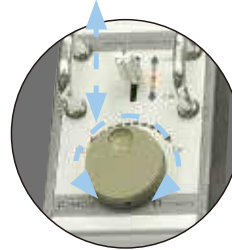


Digital Torque Wrench Tester with Motor Driven Loader

- Suitable for large volume of calibrations
- Control loader with motor drive
- Motor drive can be retrofitted to DOTE4-G tester



DOTE500N4-G-MD2



Controller unit with speed adjusting and inching function



DOTE4-G-MD2

Complete Tester with Motor Drive Set

Model
DOTE20N4-G-MD2
DOTE50N4-G-MD2
DOTE100N4-G-MD2
DOTE200N4-G-MD2
DOTE500N4-G-MD2
DOTE1000N4-G-MD2

Note
Select the plug shape A or C type when ordering.

MD2-SET

Retrofit Motor Driven Unit

Model	Construction unit				Applicable Model
	Motor Unit w/Limiter	Controller Unit	Power Unit	Power Cord	
MD2-SET-SA	M-MD2-S	C-MD2	DR-MD2-S	PC-MD2A	DOTE20N4-G to 200N4-G
MD2-SET-SC				PC-MD2C	
MD2-SET-LA			M-MD2-L	DR-MD2-L	
MD2-SET-LC	PC-MD2C				

Note
1. PC-MD2A come with A type plug for 100 - 125V.
PC-MD2C come with C type plug for 100 - 240V.



M-MD2-S
Motor and Limit Switch



C-MD2
Controller



DR-MD2-S
Motor power unit



PC-MD2A
Power cord

◆ Calibration Kit for DOTE4-G

* Sold separately.
Refer to page 63-64.

TCC2-G

Digital Torque Wrench Tester

Direction



TCC2-G Standard Accessories

Model	Hex Adapter	Down Adapter	Others
TCC100N2-G	<input type="checkbox"/> 12.7-W10, 13, 19 <input type="checkbox"/> 12.7-W12, 14, 17	DA3-2 DA4-3	(1) Cradle for PC display (2) AC adapter for PC display (3) Power cable
TCC100N2-D-G		DA4-3	
TCC500N2-G	<input type="checkbox"/> 12.7-W10, 13, 19 <input type="checkbox"/> 12.7-W12, 14, 17 <input type="checkbox"/> 19.05-W17, 22, 27 <input type="checkbox"/> 19.05-W19, 24, 30	DA4-3 DA6-4	
TCC1000N2-G	<input type="checkbox"/> 19.05-W17, 22, 27 <input type="checkbox"/> 19.05-W19, 24, 30 <input type="checkbox"/> 25.4-W36, 46 <input type="checkbox"/> 25.4-W41, 50	DA6-4 DA8-6	

Note Refer to page 64.

Calibration Digital Manual Handle Direct Reading

- Torque calibrator with data management software with wide torque range
- Calibration, adjustment, and data management for torque wrenches
- Multiple measuring unit
- Controlled by Tablet PC

Model	CH	Torque Range [N·m]		Torque Range [kgf·cm]		Torque Range [lbf·in]		Torque Wrench Max. Effective Length [mm]	Inlet Drive [mm]	Dimensions [mm]			Weight [kg]
		Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit			Overall Length	Width	Height	
TCC100N2-G	1	4-100	0.01	40-1000	0.1	35.5-885	0.1	575	12.7	714	388	375	35
	2	1-25	0.002	10-250	0.02	9-220	0.02	482	9.53				
TCC100N2-D-G	1	4-100	0.01	40-1000	0.1	35.5-885	0.1	575	12.7				
	2	20-600 cN·m	0.05 cN·m	2-60	0.005	2-50	0.005	482	6.35				
TCC500N2-G	1	20-500	0.05	200-5000	0.5	180-4400	0.5	1035	19.05	1206	502	430	75
	2	4-100	0.01	40-1000	0.1	36-880	0.1	769	12.7				
TCC1000N2-G	1	50-1000	0.1	500-10000	1	445-8800	1	1700	25.4	1906	574	526	115
	2	20-500	0.05	200-5000	0.5	180-4400	0.5	1212	19.05				

TCC2-G Specifications

Display	10 inch Tablet PC
Tool Management Function	Torque wrench/driver registration date, measurement date memory (model, serial number, measurement point, measurement count, accuracy level, channel, measurer, past record) Maximum data amount (1000pcs worth) is based on testing torque wrenches of single force direction. When testing bi-direction torque wrenches such as BQSP, it will be less than 1000pcs)
Measurement Mode	Click mode / direct reading mode / manual mode
Zero Adjustment	Automatic (press C key)
Operating Temperature	0 - 40 °C
Power	100 ~ 240V 50/60Hz

◆ Calibration Kit for TCC2-G

* Sold separately. Refer to page 63.



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	Adapter					
			[N-m]		[kgf-cm]		[kgf-m]		[lbf-in]		[lbf-ft]		[mm]			[kg]	[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	Ratchet	Down	
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	RA3mk2	DA3-2		
	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						□12.7-19-24-30			DA4-3	
TF500N	1	19.05	20-500	0.2	200-5000	2	2-50	0.02	200-4500	2	20-370	0.2			315		□9.53-10-13-19	RA4mk2	DA3-2			
	2	9.53	2-50	0.02	20-500	0.2	0.2-5	0.002	20-450	0.2	2-37	0.02					□19.05-22-27-29			DA6-4		
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	RA3mk2	DA3-2		
	2	12.7	5-200	0.05	50-2000	0.5	0.5-20	0.005	50-1700	0.5	5-140	0.05						□12.7-17-22-27			RA4mk2	DA4-3
	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						□12.7-19-24-30			RA8mk2	DA8-6
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	RA3mk2	DA3-2			
	2	19.05	20-500	0.2	200-5000	2	2-50	0.02	200-4500	2	20-370	0.2					□19.05-22-27-29			RA4mk2	DA4-3	
	3	9.53	2-50	0.02	20-500	0.2	0.2-5	0.002	20-450	0.2	2-37	0.02					□9.53-10-13-19			RA8mk2	DA8-6	
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	RA6mk2	DA6-4			
	2	25.4	100-2100	1	1000-21000	10	10-210	0.1	1000-18000	10	100-1500	1					□25.4-36-46			RA8mk2	DA8-6	
	3	19.05	20-500	0.2	200-5000	2	2-50	0.02	200-4500	2	20-370	0.2					□19.05-22-27-29			RA12	DA12-8	

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		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)	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, 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	1/4-5-8-12
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

Torque Tester/Checker

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

◆ Calibration Kit for TDT3-G



* Sold separately. Refer to page 63.