

DOTE4-G

Digital Torque Wrench Tester

Calibration

Digital

Manual Handle

Direct Reading

RoHS

Direction

NEW



- Multiple units of measure through keypad setup
- "Loading system" stabilizes wrench during calibration procedure for optimal results.
- RS232C and USB output
- Max. 1000 measured data can be stored.



DOTE100N4-G

CE



DOTE1000N4-G

Model	Torque Range										Torque Wrench Max. Effective Length [mm]	Inlet Drive [mm]	Weight [kg]	Down Adapter Part # [mm]	Hex Adapter [mm]					
	cN·m		N·m		kgf·cm		kgf·m		lbf·in							lbf·ft				
	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit						Min.-Max.	1 digit			
DOTE20N4-G	200.0-2000.0	0.2	2.000-20.000	0.002	20.00-200.00	0.02	-	-	18.00-180.00	0.02	-	-	410	9.5	296 (P.64) 6.35	10, 13, 19				
DOTE50N4-G	-	-	5.00-50.00	0.005	50.0-500.0	0.05	-	-	44.0-440.0	0.05	3.60-36.00	0.005					12.7	12	277 (P.40) 297 (P.64) 9.5	12, 14, 17
DOTE100N4-G	-	-	10.00-100.00	0.01	100.0-1000.0	0.1	-	-	88.0-880.0	0.1	7.30-73.00	0.01	13	19.0	-	17, 22, 27 19, 24, 30				
DOTE200N4-G	-	-	20.00-200.00	0.02	200.0-2000.0	0.2	-	-	170.0-1700.0	0.2	15.00-150.00	0.02								
DOTE500N4-G	-	-	50.0-500.0	0.05	-	-	5.00-50.00	0.005	440-4400	0.5	36.0-360.0	0.05	49	299 (P.64) 19.0	34, 41 48, 50	-				
DOTE1000N4-G	-	-	100.0-1000.0	0.1	-	-	10.00-100.00	0.01	880-8800	1	73.0-730.0	0.1					1750	25.4	48, 50	34, 41

- Note
1. Auto-zero adjustment function.
 2. Statistical function includes the number of sampling, max/min/mean values.
 3. AC Adapter BA-6 (AC100-240V+/-10%) comes with

DOTE4-G Optional Accessories

Hex Adapter

Part #	Size [mm]
285	3/8-7-8-9
286	1/2-16-18-21
287	1/2-17-22-27
288	1/2-19-24-30

Connecting Cable (P.46)

Part #	Applicable Model
383	DOTE4-G - PC, EPP16M3 (D-SUB 9 Pin Female)
385	DOTE4-G - PC (USB A-Type)

- Note
1. () shows pin shape of the connecting cables.
 2. Contact Tohnichi for other types of connecting cables.

Battery Pack (P.46)

Model
BP-100-4

Data Filing System (P.63)

Model
DFS

Printer (P.64)

Model
EPP16M3

DOT

Analog Torque Wrench Tester

Calibration

Dial Indicating

Manual Handle

Direct Reading

RoHS

Direction



- Dial indicating
- For clockwise testing
- Mechanical loading device



DOT100N

S.I. Model	Torque Range [N·m]			Metric Model	Torque Range [kgf·cm]			American Model	Torque Range [lbf·in/lbf·ft]			Torque Wrench Max. Effective Length [mm]	Inlet Drive [mm]	Weight [kg]	Standard Accessory	
	Min.-Max.	Grad.			Min.-Max.	Grad.			lbf·in	lbf·in	lbf·ft				Down Adapter (Female) [mm]	Hex Adapter (Male) [mm]
DOT35N	5-35.0	0.1	350DOT	50-350	1	DOT300I	50-300	1			9.5	8	#296 (6.3)	10, 13, 19		
DOT50N	5-50.0	0.2	500DOT	50-500	2	DOT430I	50-430	2	410				#277 (6.4), #297 (9.5)	12, 14, 17		
DOT100N	10-100.0	0.5	1000DOT	100-1000	5	DOT1000I	100-1000	5			12.7					
DOT300N	30-300	1	3000DOT	300-3000	10	DOT200F	20-200	1	660		19	10	-	17, 22, 27 19, 24, 30		
DOT700N	70-700	2	7000DOT	700-7000	20	DOT500F	50-500	2	1280		25		-	22, 27, 29 30, 32, 36		

Note Measurement for clockwise direction only.

DOT-MD

DOT with Motor Driven Loading Device

S.I. Model	Metric Model	American Model
DOT35N-MD	350DOT-MD	DOT300I-MD
DOT50N-MD	500DOT-MD	DOT430I-MD
DOT100N-MD	1000DOT-MD	DOT1000I-MD
DOT300N-MD	3000DOT-MD	DOT200F-MD
DOT700N-MD	7000DOT-MD	DOT500F-MD

◆ Calibration Kit for DOTE4-G/DOT



* Sold separately. Refer to page 59.

DOTE4-G-MD2

Direction

NEW

 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
NEW DOTE20N4-G-MD2
NEW DOTE50N4-G-MD2
NEW DOTE100N4-G-MD2
NEW DOTE200N4-G-MD2
NEW DOTE500N4-G-MD2
NEW 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	
NEW MD2-SET-SA	M-MD2-S	C-MD2	DR-MD2-S	PC-MD2A	DOTE20N4-G to 200N4-G
NEW MD2-SET-SC				PC-MD2C	
NEW MD2-SET-LA	M-MD2-L	C-MD2	DR-MD2-L	PC-MD2A	DOTE500N4-G, 1000N4-G
NEW 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 59-60.

TCC2-G

 Digital Torque
Wrench Tester

Direction



TCC2-G Standard Accessories

Model	Hex Adapter	Down Adapter	Others
TCC100N2-G	□12.7-W10, 13, 19	DA3-2 DA4-3	(1) Cradle for PC display (2) AC adapter for PC display (3) Power cable
TCC100N2-D-G	□12.7-W12, 14, 17	DA4-3	
TCC500N2-G	□12.7-W10, 13, 19 □12.7-W12, 14, 17 □19.05-W17, 22, 27 □19.05-W19, 24, 30	DA4-3 DA6-4	
TCC1000N2-G	□19.05-W17, 22, 27 □19.05-W19, 24, 30 □25.4-W36, 46 □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

 Accuracy $\pm 1\% + 1$ digit

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	714	388	375	35
	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	1205	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	445-8900	1	1700	25.4	1905	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 59.



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]		L	W	H		Hex [mm]	Ratchet	Down
			Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit							
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 □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 64 for adapters.

Calibration Kit for TF

* Sold separately. Refer to page 59.

TDT3-G Digital Torque Screwdriver Tester

Direction



TDT600CN3-G with loading device (Model: STA)



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



TDT600CN3-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 ±1%+1digit

Model	Torque Range								Inlet Drive	Dimensions [mm]			Weight [kg]
	cN·m		kgf·cm		ozf·in		lbf·in			Overall Length	Width	Height	
	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit					
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.46)

Part #	Applicable Model
363	TDT3-G - PC, EPP16M3
365	TDT3-G - PC

Battery Pack (P.46)

Model
BP-100-4

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.64)

Model
EPP16M3

Data Filing System (P.63)

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 59.



LC3-G Torque Wrench Line Checker

Direction



CE

LC1000N3-G

LC3-G Standard Accessories Hexagon Head Adapter

Part #	Applicable Model	Square Drive [mm]	Hex Size (Male) [mm]
282	LC20N3-G	9.5	8, 10, 12, 13, 14, 17
280	LC200N3-G	12.7	8, 10, 12, 13, 14, 17, 19, 22

Socket Adapter (P.40)

Part #	Applicable Model	Inlet Drive [mm]	Hex Size (Male) [mm]
1282	LC20N3-G	6.35	9.5
1280	LC200N3-G	9.5	12.7
274	LC1000N3-G	12.7	19.0
276	LC1400N3-G	19.0	25.4

Calibration Kit for LC3-G/ST3-G

* Sold separately. Refer to page 59.

Checking Digital Manual Loading Direct Reading

RoHS

- For daily inspections of torque wrenches
- Newly added judgment function and USB output
- Multiple units of measure through keypad setup

Accuracy ±1%+1digit

Model	Mode	Torque Range												Inlet Drive [mm]	Weight [kg]
		cN·m		N·m		kgf·cm		kgf·m		lbf·in		lbf·ft			
		Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit		
LC20N3-G	Run	50.0-2000.0	0.2	0.500-20.000	0.002	5.00-200.00	0.02	-	-	5.00-174.00	0.02	-	-	9.5	10.5
	Peak	50.0-99.8	1	0.500-9.98	0.01	5.00-9.98	0.1	-	-	5.00-9.98	0.1	-	-		
		100-999	10	1.00-9.99	0.1	10.0-99.9	1	-	-	10.0-99.9	1	-	-		
LC200N3-G	Run	-	-	5.00-200.00	0.02	50.0-2000.0	0.2	-	-	50.0-1740.0	0.2	4.00-140.00	0.02	12.7	19.0
	Peak	-	-	5.00-9.98	0.1	50.0-99.8	1	-	-	50.0-99.8	1	4.00-9.98	0.1		
		-	-	100-999	1	100-999	10	-	-	100-999	10	10.0-99.9	1		
LC1000N3-G	Run	-	-	50.0-1000.0	0.1	-	-	5.00-100.00	0.01	500-8800	1	36.8-735.0	0.1	19.0	34
	Peak	-	-	50.0-99.9	1	-	-	5.00-9.99	0.1	500-999	10	36.8-99.9	1		
		-	-	100-1000	1	-	-	10.0-100.0	0.1	1000-8800	10	100-735	1		
LC1400N3-G	Run	-	-	100.0-1400.0	0.2	-	-	10.00-140.00	0.02	900-12000	2	75.0-1000.0	0.2	25.4	39
	Peak	-	-	100-999	1	-	-	10.0-99.9	0.1	900-998	10	75.0-99.8	1		
		-	-	1000-1400	10	-	-	100-140	1	1000-9990	100	100-1000	1		

Note 1. Dimensions: L278mm × W160mm × H167mm (LC20N3-G, LC200N3-G)
 L500mm × W290mm × H186mm (LC1000N3-G)
 L500mm × W313mm × H186mm (LC1400N3-G)
 2. TCL, calibration kit is optional, refer to page 59.
 3. Max. 1000 measured data can be stored.

Standard Accessories AC Adapter/BA-6, AC100-240V±10%

LC3-G Optional Accessories Connecting Cable (P.46)

Part #	Applicable Model
383	LC3-G - PC, EPP16M3
385	LC3-G - PC

Note Contact Tohnichi for other connector shapes.

Printer (P.64)

Model
EPP16M3

Data Filing System (P.63)

Model	Media
DFS	CD-ROM

Battery Pack (P.46)

Model
BP-100-4

ST3-G SPINTORK/Rotary Peak Torque Meter

Direction



CE

ST15N3-6.35-G

ST50N3-3/8-G

ST3-G/ST3-G-BT Optional Accessories Extension Bar

Part #	Applicable Model
283	ST10N3-G/-BT
281	ST20N3-G/-BT, ST50N3-3/8-G/-BT
247	ST50N3-1/2-G/-BT, ST100N3-G/-BT, ST200N3-G/-BT
248	ST500N3-G/-BT
249	ST1000N3-G/-BT

Checking Digital Re-Chargeable Direct Reading

RoHS

- Ideal for checking nutrunner torque output and angle
- Data output through USB (ST3-G) and Bluetooth® (ST3-G-BT)
- Tightening torque value can be detected by every 1° degree in Bluetooth® version.

ST3-G/ST3-G-BT Specifications

Torque Accuracy	±1% +1digit
Angle Range	0 to 999°
Angle 1 digit	1°
Angle Accuracy	±1.2°+1digit
Measuring Direction	Bi-direction
Display	7 segment LCD; Unit, Battery life, Direction Counter value: 3 digits (3mm height) Torque and angle value: 3 digits (7mm height)
Measuring Mode	PEAK/RUN
Data Memory	999
Data Output	USB / Bluetooth® -BT models
Continuous Duty	10 hours / 5 to 8 hours -BT models
Power	Built-in Ni-MH (Nickel hydrogen) battery pack
Operating Temperature	0-40 °C
BT Communication Distance	10m
Other Functions	Auto Memory/Reset (0.5-5 seconds variable), Auto Power Off (3/10/30 mins. Non), Display of remaining battery level (4 levels)

Accuracy ±1%+1digit

Model	Torque Range												Overall Length [mm]	Inlet/Outlet Drive [mm]	Weight [kg]
	N.m		cN.m		kgf.cm		kgf.m		ozf.in		lbf.in				
Standard Version	Bluetooth® Version	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit	Min.-Max.	1digit
ST10N3-G	ST10N3-G-BT	(0.50)2-10	0.01	200-1000	1	20-100	0.1	0.2-1	0.001	285-1400	1	18-88	0.1	1.5-7.3	0.01
ST15N3-6.35-G	ST15N3-6.35-G-BT	(1.00)4-15	0.02	400-1500	2	40-150	0.2	0.4-1.5	0.002	570-2100	2	36-131	0.2	3-11	0.02
ST20N3-G	ST20N3-G-BT	(1.00)4-20	0.02	400-2000	2	40-200	0.2	0.4-2	0.002	570-2800	2	36-175	0.2	3-14.5	0.02
ST50N3-3/8-G	ST50N3-3/8-G-BT	(2.50)0-50	0.05	1000-5000	5	100-500	0.5	1-5	0.005	1420-7000	5	90-440	0.5	7.5-36.5	0.05
ST50N3-1/2-G	ST50N3-1/2-G-BT	(2.50)0-50	0.05	1000-5000	5	100-500	0.5	1-5	0.005	1420-7000	5	90-440	0.5	7.5-36.5	0.05
ST100N3-G	ST100N3-G-BT	(5.0)20-100	0.1	-	-	200-1000	1	2-10	0.01	-	-	180-880	1	15-73	0.1
ST200N3-G	ST200N3-G-BT	(10.0)40-200	0.2	-	-	400-2000	2	4-20	0.02	-	-	360-1750	2	30-145	0.2
ST500N3-G	ST500N3-G-BT	(25.0)100-500	0.5	-	-	1000-5000	5	10-50	0.05	-	-	900-4400	5	75-365	0.5
ST1000N3-G	ST1000N3-G-BT	(50)200-1000	1	-	-	20-100	0.1	-	-	-	-	150-735	1	135	25.4

Note 1. Not for use with impact wrenches or pulse type tools.
 2. Graph of angle and torque can be created in Bluetooth® version.
 3. Data output of Bluetooth® version is through Bluetooth® only.
 4. As for your local condition of wireless equipment certification acquisition, contact to Tohnichi or distributor.
 5. The values in () indicate minimum snug torque values. Accuracy cannot be guaranteed for snug torque set beyond the operative torque range.

Standard Accessories 1. Quick Battery Charger/BC-4.2 2. CD-ROM (USB Driver) 3. USB Connecting Cable/384 4. Carrying Case



ATG/BTG

Analog Torque Gauge

Dial Indicating 3-jaw Chuck Direct Reading

RoHS

Direction



ATG6CN



BTG36CN

- Compact portable handheld design
- Top and side scales for easy reading
- Three fingered keyless chuck

Accuracy ±2%

S.I. Model	Torque Range [cN·m]			Metric Model	Torque Range [gf·cm/kgf·cm]			American Model	Torque Range [ozf·in/lbf·in]			Chuck Grip [mm]	Dimensions [mm]		Weight [kg]
	Min.-Max.	Grad.			Min.-Max.	Grad.			Min.-Max.	Grad.			Overall Length	Outside Diameter	
ATG045CN	0.05-0.45	0.01		45ATG	5-45	1		ATG06Z	0.06-0.6	0.01		φ1-φ6.5	99	43.5	0.18
ATG09CN-S	0.1-0.9	0.02		90ATG-S	10-90	2		ATG1.5Z-S	0.2-1.5	0.02					
ATG1.5CN-S	0.2-1.5			150ATG-S	20-150			ATG2.4Z-S	0.3-2.4	0.05					
ATG3CN-S	0.3-3	0.05		300ATG-S	30-300	5		ATG4.5Z-S	0.5-4.5	0.1					
ATG6CN-S	0.6-6	0.1		600ATG-S	60-600	10		ATG9Z-S	1-9	0.2					
ATG12CN-S	1-12	0.2		1200ATG-S	100-1200	20		ATG18Z-S	2-18	0.5					
ATG24CN-S	3-24	0.5		2400ATG-S	300-2400	50		ATG36Z-S	4-36	0.5					
-	-	-	-	-	-	-	-	BTG60Z-S	6-60	1					
-	-	-	-	-	-	-	-	BTG120Z-S	10-120	2					
BTG15CN-S	2-15	0.2		1.5BTG-S	0.2-1.5	0.02		1.5BTG-A-S	0.1-1.5	0.02	φ1-φ8.5				
BTG24CN-S	3-24	0.5		2.4BTG-S	0.3-2.4	0.05		2.4BTG-A-S	0.3-2.4	0.02					
BTG36CN-S	4-36			3.6BTG-S	0.4-3.6			3.6BTG-A-S	0.4-3.6	0.05					
BTG60CN-S	6-60			6BTG-S	0.6-6			6BTG-A-S	0.6-6	0.1					
BTG90CN-S	10-90			9BTG-S	1-9	0.1		9BTG-A-S	1-9	0.1					
BTG150CN-S	20-150			15BTG-S	2-15	0.2		15BTG-A-S	2-15	0.2					

ATG Optional Accessories

Part #	Description
322	Plastic Case and Chuck

- Note
1. ATG045CN, 45ATG and ATG06Z are provided without side or top memory pointer.
 2. *Without memory pointer* models are available. Remove *-S* from the model name when ordering. Ex. ATG09CN, BTG15CN
 3. Aluminum case and steel chuck are standard for ATG models. Plastic case and chuck can be ordered separately.

ATGE-G

Digital Torque Gauge

Digital 3-jaw Chuck Direct Reading Battery

RoHS

Direction



ATGE5CN-G



- Digital torque gauge with pull out display
- For measurement, inspection and tightening of low torque range
- 3 way configuration; hand-held, table top or as a torque meter with testing fixture

Accuracy ±2%+1digit

Model	Torque Range								Chuck Grip [mm]	Dimensions [mm]		Weight [kg]
	[cN·m]		[mN·m]		[gf·cm]		[ozf·in]			Overall Length	Outside Diameter	
	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit				
ATGE05CN-G	0.1-0.5	0.001	1-5	0.01	10-50	0.1	0.15-0.7	0.001	φ1-6.5	120	67	0.305
ATGE1CN-G	0.2-1	0.001	2-10	0.01	20-100	0.1	0.3-1.4	0.001				
ATGE2CN-G	0.4-2	0.002	4-20	0.02	40-200	0.2	0.6-2.8	0.002				
ATGE5CN-G	1-5	0.005	10-50	0.05	100-500	0.5	1.5-7	0.005				
ATGE10CN-G	2-10	0.01	20-100	0.1	200-1000	1	3-14	0.01				
ATGE20CN-G	4-20	0.02	40-200	0.2	400-2000	2	6-28	0.02				

Note Aluminum case and steel chuck are standard for ATGE-G models. Plastic case and chuck/322 (page 56) is sold separately.

Standard Accessories Carrying case

ATGE-G Common Specifications

Direction	CW/CCW
Display	7 segment LCD display, Counter 3 digits (character height 3mm), Torque value: 4 digits (character height 7mm), Torque unit, Battery indicator, Direction
Mode	PEAK/RUN
Data Memory	999 readings
Statistic Processing	Sample size, Max. value, Min. value, Mean value
Data Output	USB output (USB mini B connector)
Power	Coin-type lithium battery (CR2450)
Continuous in Use	approx. 10 hours when using coin battery
Other Functions	Auto power off (3 min.), Auto memory reset (0.5-5) seconds variable, Auto zero adjustment, Residual battery indicator (4 steps), Buzzer ON/OFF, Unit Conversion
Operating Temperature	0-40 °C
Standard Options	Carrying case

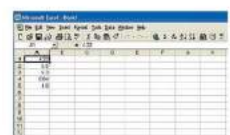
Calibration Kit for ATG/BTG/ATGE-G/BTGE-G



* Sold separately. Refer to page 59.

ExRcv Software

The ExRcv software allows for the transfer of collected torque data from various Tohnichi digital torque equipment into a Microsoft® Excel® worksheet. Tohnichi also provides customized software upon request.



ExRcv

BTGE-G

Digital Torque Gauge

Direction



CE



BTGE200CN-G

Digital 3-jaw Chuck Direct Reading Battery

RoHS

- Multiple units of measure through keypad setup
- For measurement, inspection and tightening of low torque ranges
- Flip-up display can be adjusted for optimal reading

Accuracy $\pm 2\% + 1 \text{ digit}$

Model	Torque Range								Chuck Grip [mm]	Dimensions [mm]		Weight [kg]
	[cN·m]		[kgf·cm]		[ozf·in]		[lbf·in]			Overall Length	Outside Diameter	
	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit	Min.-Max.	1 digit				
BTGE10CN-G	2-10	0.01	0.2-1	0.001	3-14	0.01	0.2-0.88	0.001	φ1-φ8.5	130	75	0.65
BTGE20CN-G	4-20	0.02	0.4-2	0.002	6-28	0.02	0.4-1.7	0.002				
BTGE50CN-G	10-50	0.05	1-5	0.005	15-70	0.05	1-4.4	0.005				
BTGE100CN-G	20-100	0.1	2-10	0.01	30-140	0.1	2-8.8	0.01				
BTGE200CN-G	40-200	0.2	4-20	0.02	60-280	0.2	4-17	0.02				

- Note
1. Can be used for checking accuracy of torque screwdrivers.
 2. Max 999 readings can be saved with statistical function max/min/mean values.

BTGE-G Optional Accessories

Connecting Cable (P.46)

Part #	Applicable Model
384	BTGE-G (USB mini B) - PC (USB A)

Measurement Board

Model
809

BP-C1



Battery Pack

Model
BP-C1

ATG/BTG/ATGE-G/BTGE-G Optional Accessories



No.808

ATGE-G/BTGE-G Measurement stand

To firmly fix ATGE-G/BTGE-G to use as table top configuration

Part #	Applicable Model
808	ATGE-G
809	BTGE-G



No.800

Table attachment

4 poles are designed to clamp objects of any shape (Chucking diameter φ10-φ58)

Part #	Applicable Model
800	ATGE-G/BTGE-G



No.806

Calibration adapter for ATGE-G/BTGE-G

Adapter for calibration devices, ATGTCL/BTGTCL, to mount on ATGE-G/BTGE-G

Part #	Applicable Model
806	ATGE-G
807	BTGE-G



BA-5

Adapter for USB connector

External power supply adapter for ATGE-G/BTGE-G with using USB connecting cable.

Part #	Applicable Model
BA-5	ATGE-G/BTGE-G



No.384

USB connecting cable

Cable for external USB data output or connecting BA-5

Part #	Applicable Model
384	ATGE-G/BTGE-G



No.322

Plastic chuck

Plastic chuck for fragile objects

Part #	Applicable Model
322	ATG/ATGE-G



BP-C1

Battery pack

Part #	Applicable Model
BP-C1	BTGE-G



ATGE-G with table attachment and measurement stand



AMRD torque checking with ATGE-G and measurement stand, #808.



BMRD torque checking with BTGE-G.



BTGE-G with table attachment and measurement stand

TME2

Digital Torque Meter

Digital Pole Clamping Direct Reading

RoHS

Direction



2TME500CN2



- Ideal for testing torque on bottle caps
- Up to 99 measured data can be stored.

Accuracy ±1%+1 digit

S.I. Model	Torque Range [cN·m]		Metric Model	Torque Range [gf·cm/kgf·cm]		American Model	Torque Range [ozf·in/lbf·in]		Chuck Size [mm]	Dimensions [mm]			Weight [kg]
	Min.-Max.	1 dgt		Min.-Max.	1 dgt		Min.-Max.	1 dgt		Overall Length	Width	Height	
3TME10CN2	2.00-10.00	0.01	3TME10CN2-M	200-1000	1	3TME10CN2-Z	2.80-14.00	0.01	φ14-φ110	252	158	185	3.5
3TME20CN2	4.00-20.00	0.02	3TME20CN2-M	400-2000	2	3TME20CN2-Z	5.60-28.00	0.02					
3TME50CN2	10.00-50.00	0.05	3TME50CN2-M	1000-5000	5	3TME50CN2-Z	14.00-70.00	0.05					
3TME100CN2	20.0-100.0	0.1	3TME100CN2-M	2.00-10.00	0.01	3TME100CN2-Z	28.00-140.0	0.1	φ18-φ190	331	223	283	12
2TME200CN2	40.0-200.0	0.2	2TME200CN2-M	4.00-20.00	0.02	2TME200CN2-I	3.50-17.00	0.02					
2TME500CN2	100.0-500.0	0.5	2TME500CN2-M	10.00-50.00	0.05	2TME500CN2-I	8.80-44.00	0.05					
2TME1000CN2	200-1000	1	2TME1000CN2-M	20.0-100.0	0.1	2TME1000CN2-I	17.6-88.00	0.1					
2TME2000CN2	400-2000	2	2TME2000CN2-M	40.0-200.0	0.2	2TME2000CN2-I	35.0-175.0	0.2					

- Note
1. Can be used for checking accuracy of torque screwdrivers.
 2. Max. 99 measured data can be stored.
 3. TMTCL, calibration kit is optional.
 4. Statistical Data: Hi, Lo, Sample, Ave., Range Variation, and Standard Deviation

- Standard Accessories
1. AC Adapter/BA-4
 2. Rubber Nail
 3. Supportive Plate for 2TME2

TME2 Optional Accessories

Connecting Cable (P.46)

Part #	Applicable Model
383	TME2 - PC, EPP16M3

Battery Pack (P.46)

Model
BP-100-4

Printer (P.64)

Model
EPP16M3

Data Filing System (P.63)

Model	Media
DFS	CD-ROM

TM

Analog Torque Meter

Pole Clamping Direct Reading

RoHS

Direction



2TM400CN



5TM2.5MN

- Dial indicating
- Wide variety of torque testing ranges

Accuracy ±2%

S.I. Model	Torque Range [mN·m]		American/Metric Model	American Torque Range [lbf·in]		Metric Torque Range [kgf·cm/gf·cm]		Overall Length	Dimensions [mm]			Weight [kg]	
	Standard	With Memory Pointer		Min.-Max.	Grad.	Min.-Max.	Grad.		Min.-Max.	Grad.	Width		Height
4TM10MN	4TM10MN-S	1-10	0.2	4-TM100-A-S	0.01-0.086	0.002	10-100	2	252	158	109.5	φ14-φ110	3
4TM15MN	4TM15MN-S	1.5-15	0.5	4-TM150-A-S	0.02-0.13	0.005	15-150	5					
4TM25MN	4TM25MN-S	2.5-25	1	4-TM250-A-S	0.025-0.215	0.01	25-250	10					
4TM50MN	4TM50MN-S	5-50	2	4-TM500-A-S	0.05-0.43	0.01	50-500	20					
4TM75MN	4TM75MN-S	8-75	2	4-TM750-A-S	0.08-0.65	0.02	80-750	20					
3TM10CN	3TM10CN-S	1-10	0.2	3-TM1-A-S	0.1-0.86	0.02	0.1-1	0.02					
3TM15CN	3TM15CN-S	1.5-15	0.5	3-TM1.5-A-S	0.15-1.3	0.05	0.15-1.5	0.05					
3TM25CN	3TM25CN-S	2.5-25	1	3-TM2.5-A-S	0.25-2.15	0.05	0.25-2.5	0.05					
3TM50CN	3TM50CN-S	5-50	1	3-TM5-A-S	0.5-4.3	0.1	0.5-5	0.1					
3TM75CN	3TM75CN-S	8-75	2	3-TM7.5-A-S	0.8-6.5	0.2	0.8-7.5	0.2					
2TM100CN	2TM100CN-S	10-100	2	2-TM10-A-S	1-8.6	0.2	1-10	0.2					
2TM150CN	2TM150CN-S	20-150	2	2-TM15-A-S	2-13	0.2	2-15	0.2					
2TM200CN	2TM200CN-S	30-200	2	2-TM20-A-S	3-17	0.2	3-20	0.2					
2TM300CN	2TM300CN-S	30-300	5	2-TM30-A-S	3-26	0.5	3-30	0.5	331	223	133.5	φ18-φ190	10.5
2TM400CN	2TM400CN-S	40-400	5	2-TM40-A-S	3.5-35	0.5	4-40	0.5					
2TM500CN	2TM500CN-S	50-500	5	2-TM50-A-S	4-43	0.5	5-50	0.5					
2TM600CN	2TM600CN-S	60-600	10	2-TM60-A-S	5-50	1	6-60	1					
2TM750CN	2TM750CN-S	80-750	10	2-TM75-A-S	7-65	1	8-75	1					

- Note
- "S" models are provided with a memory pointer.

Calibration Kit for TME2/TM



* Sold separately. Refer to page 59.

Low Capacity, below 7.5 mN·m, Torque Meter

Accuracy ±2%

S.I. Model	Torque Range [mN·m]		Metric Model	Torque Range [gf·cm]		American Model	Torque Range [ozf·in]		Overall Length	Dimensions [mm]			Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.		Width	Height	Chuck Size	
5TM1MN	0.2-1	0.05	5-TM10	2-10	0.5	5-TM015Z	0.02-0.15	0.005	122	76.5	59	φ6-φ58	0.3
5TM1.5MN	0.2-1.5	0.1	5-TM15	2-15	1	5-TM020Z	0.04-0.2	0.01					
5TM2.5MN	0.5-2.5	0.1	5-TM25	5-25	1	5-TM035Z	0.05-0.35	0.01					
5TM5MN	1-5	0.2	5-TM50	10-50	2	5-TM070Z	0.3-0.7	0.02					
5TM7.5MN	1-7.5	0.2	5-TM75	10-75	2	5-TM1Z	0.2-1	0.05					

- Note
1. 5TM models are supplied without memory pointer.
 2. When calibrating the 5TM models, ask Tohnichi for assistance.

TCF

Fixed Type Torque Sensor

Voltage Output Fixed

RoHS

• Requires CD5 to display torque reading



CD5

*Display is sold separately.



TCF20N

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in/lbf·ft]		Inlet Drive [mm]	Dimensions		Weight [kg]
	Min.-Max.			Min.-Max.			Min.-Max.			Height [mm]	Diameter [mm]	
TCF02N	0.02-0.2		TCF1.8	0.18-1.8		TCF1.8I	0.18-1.8					
TCF04N	0.04-0.4		-	-		TCF3.5I	0.35-3.5			56		0.45
TCF1N	0.1-1		-	-		TCF9I	0.9-9.0	6.35		45		
TCF2N	0.2-2		TCF18	1.8-18		TCF18I	1.8-18			62.5		0.5
TCF4N	0.4-4		-	-		TCF35I	3.5-35					
TCF10N	1-10		-	-		TCF90I	9.0-90					
TCF20N	2-20		TCF180	18-180		TCF180I	18-180	9.5		66	70	0.6
TCF40N	4-40		-	-		TCF350I	38-350					
							lbf·ft					
TCF100N	10-100		-	-		TCF75F	7.5-75	12.7		100	105	2.5
TCF200N	20-200		TCF1800	180-1800		TCF150F	15-150					
TCF400N	40-400		-	-		TCF300F	30-300	19.0		135	140	6
TCF1000N	100-1000		-	-		TCF750F	75-750	25.4		180	178	12
TCF2000N	200-2000		TCF18000	1800-18000		TCF1500F	150-1500					

Note 1. TCL, calibration kit is optional.
2. Display, CD5, is sold separately.

Standard Accessories Connecting Cable

TCF Optional Accessories



TP18N+TCF20N



DTF5-2+TCF20N



TTF11+ATF18+TCF20N

TP, Test Piece: Torque measurement for power torque tools

Model	Torque Range			Applicable TCF Model	Inlet		Dimensions		Weight [kg]
	S.I. [N·m] Min.-Max.	Metric [kgf·cm] Min.-Max.	American [lbf·in/lbf·ft] Min.-Max.		Width Across Flats [mm]	Nominal Size of Screw	Diameter [mm]	Height [mm]	
TP2.5N	0.25-2.5	2.5-25	2-22	TCF02N-TCF4N	8	M4	18	58	0.08
TP18N	1.8-18	18-180	16-160	TCF10N, TCF20N	13	M6	35	83.5	0.27
			lbf·ft						
TP180N	18-180	180-1800	30-130	TCF40N-TCF200N	24		65	148	1.9
TP1800N	180-1800	1800-18000	130-1300	TCF400N-TCF2000N	50		140	297.5	16.8

Note 1. Adapter 4H-3 (#273) is necessary for TCF40N.
2. Adapter 8P-8 (#295) is necessary for TCF400N.

DTF, Drill Chuck: Torque measurement for axial work pieces

Model	Applicable TCF Models	Chuck Size [mm]	Square Drive [mm]	Dimensions	
				Diameter [mm]	Height [mm]
DTF5-3	TCF02N-TCF4N	Max. φ5	6.35	33	65
DTF5-2	TCF10N-TCF40N		9.5		61

TTF/ATF, Table and fixture: Ideal for testing torque on bottle caps

Model		Applicable TCF	Chuck Size [mm]	Table Dia. [mm]
TTF	ATF			
TTF7	ATF18-2	TCF02N-TCF4N	φ10-70	φ70
TTF11	ATF18	TCF10N-TCF20N	φ14-110	φ110
TTF19	ATF18-2	TCF2N-TCF4N	φ18-190	φ180
	ATF18	TCF10N-TCF20N		

Note ATF attachment is required to fix TTF table.

TCR

Rotary Type Torque Sensor

Voltage Output Rotary

RoHS

• Captures directly applied torque
• Requires CD5 to display torque reading



CD5

*Display is sold separately.



TCR18N

S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in/lbf·ft]		Allowable Rotation [r.p.m.]	Square Drive [mm]	Height [mm]	Width [mm]	Weight [kg]
	Min.-Max.			Min.-Max.			Min.-Max.						
TCR18N	1.8-18		TCR180	18-180		TCR180-A	16-150			9.5	91	76	0.9
							lbf·in	2000					
TCR180N	18-180		TCR1800	180-1800		TCR1800-A	13-130			12.7	104	83	1.3
TCR700N	70-700		TCR7000	700-7000		TCR7000-A	50-500			19.0	118.5	95	2.0
TCR1800N	180-1800		TCR18000	1800-18000		TCR18000-A	130-1300	1000		25.4	138.5	110	3.6

Note 1. TCL, calibration kit is optional.
2. Display, CD5, is sold separately.

Standard Accessories Connecting Cable

◆ Calibration Kit for TCF/TCR



* Sold separately. Refer to page 59.



Calibration Kit

◆ Calibration Kit for DOT/DOTE Series

RoHS

Model	Description					Applicable Model
	Calibration Lever	Stand	Reaction Unit	Scale Holder	Wire	
NEW DOTCL-S1	KL-DOTCL36N	KS-DOTCL-S	RU-DOTCL100N	WT0.5	Wire × 2	DOT35N, DOT50N DOTE20N, DOTE360N DOTE20N3-G, DOTE50N3-G DOTE20N4-G, DOTE50N4-G
NEW DOTCL-S2	KL-DOTCL100N			WT1		DOT100N DOTE100N DOTE100N3-G DOTE100N4-G
NEW DOTCL-S3	KL-DOTCL200N		RU-DOTCL360N	WT5		DOTE200N DOTE200N3-G DOTE200N4-G
NEW DOTCL-S4	KL-DOTCL360N					DOT300N DOTE360N
NEW DOTCL-L1	KL-DOTCL700N	KS-DOTCL-L	RU-DOTCL700N	WT5	Wire × 2	DOT700N DOTE700N DOTE500N3-G
NEW DOTCL-L2	KL-DOTCL1000N					RU-DOTCL1000N4
NEW DOTCL-L3	KL-DOTCL700N		DOTE500N4-G DOTE1000N4-G			
NEW DOTCL-L4	KL-DOTCL1000N					



◆ Calibration Kit for TCC2-G

RoHS

Model	Description					Applicable Model
	Calibration Lever	Stand	Reaction Unit	Scale Holder	Wire	
NEW TCCTCL-S1	KL-DOTCL36N KL-DOTCL100N	KS-DOTCL-S	RU-TCC100N2	WT0.1	Wire × 2	TCC100N2-G
NEW TCCTCL-S2	KL-TDTCL600CN KL-DOTCL100N			WT1		
NEW TCCTCL-L1	KL-TCTCL100N-7 KL-DOTCL700N	KS-DOTCL-L	RU-TCC500N2	WT0.5, WT1	Wire × 4	TCC500N2-G
NEW TCCTCL-L2	KL-DOTCL700N KL-TCCCL1000N			WT1		



◆ Calibration Kit for TF

RoHS

Model	Description					Applicable Model
	Calibration Lever	Stand	Reaction Unit	Scale Holder	Wire	
TFTCL200N	KL-DOTCL200N KL-DOTCL36N	KS-TFTCL	Wire × 4	WT0.1 WT1	Wire × 4	TF200N
TFTCL500N	KL-DOTCL36N KL-DOTCL360N			WT0.5, WT1 WT5-TF		TF500N
TFTCL1000N	KL-DOTCL200N KL-DOTCL36N KL-DOTCL1000N		Wire × 6	WT0.1 WT1 WT5-TF		TF1000N
TFTCL2000N	KL-DOTCL36N KL-DOTCL360N KL-DOTCL2100N			WT0.5 WT1 WT5-TF		TF2000N
TFTCL3000N	KL-DOTCL360N			WT1 WT5-TF		TF3000N
	KL-TCL2100N KL-TCL3000N					



◆ Calibration Kit for TDT3-G

RoHS

Model	Description	Applicable Model
TDTCL60CN	Calibration Lever × 1, Wire × 1, Calibration Roller × 1, Scale Pan (100g) × 1, Scale Holder (1kg) × 1,	TDT60CN3-G
TDTCL600CN	Calibration Lever × 1, Wire × 1, Calibration Roller × 1, Scale Pan (100g) × 1, Scale Holder (1kg) × 1,	TDT600CN3-G

◆ Calibration Kit for TME2/TM

RoHS

Model	Description	Applicable Model
2TMTCL	Wire × 1, Roller × 1, Frame × 1, Bolt × 2, Scale Holder (1kg) × 1, Scale Pan (100g) × 1	2TM/2TME2
3TMTCL	Wire × 1, Roller × 1, Frame × 1, Bolt × 2, Scale Pan (5g × 1, 100g × 1)	3TM/4TM/3TME2

◆ Calibration Kit for LC3-G/ST3-G/TCF/TCR

RoHS

Model	Description	Applicable Model
TCL50N	Calibration Lever, Wire, Scale Holder (1kg), Scale Pan (100g)	TCF10N-TCF40N, TCR18N LC20N3-G, ST10N3-G-ST50N3-1/2-G
TCL200N	Calibration Lever, Wire, Scale Holder (1kg)	TCF100N-TCF200N, TCR180N LC200N3-G, ST100N3-G-ST200N3-G
TCL800N	Calibration Lever, Wire, Scale Holder (10kg)	TCF400N, TCR700N, ST500N3-G
TCL1000N	Calibration Lever, Wire, Scale Holder (5kg)	TCF1000N, ST1000N3-G, LC1000N3-G
TCL2000N	Calibration Lever, Wire, Scale Holder (10kg)	TCF2000N, TCR1800N, LC1400N3-G

Note 1. TCL1000N and TCL2000N are supplied upon request.
2. #271 is required when calibrating ST10N2-G.

Tohnichi Standard for Calibration Lever and Weight

Length : +/- 1/1000

Weight 100 g: ≤ +/-1/1000

100g > 5 times of JIS M3 grade weight

◆ Calibration Kit for ATG/BTG/ATGE-G/BTGE-G

RoHS

Model	Description	Applicable Model
ATGTCL24CN	Main Unit, Calibration Pulley × 2, Wire × 2, Scale Pan (5g, 100g)	ATG/ATGE-G
BTGTCL150CN	Main Unit, Calibration Pulley × 2, Wire × 3, Scale Pan (5g, 100g)	BTG/BTGE-G

Note 1. Adapter (#807) is required when calibrating BTGE-G models.
2. Adapter (#806) is required when calibrating ATGE-G models.

◆ Weight

RoHS

Model	Weight
WP-TCL5	5kg
WP-TCL2	2kg
WP-TCL1	1kg
WS-TCL2	Weight Set (2kg)

Note 1 Weights are sold separately.
2 Calibration certificates for weights are available upon request for a fee.
3 If there is no request for calibration, serial number will not be stamped.

