

DLT-N

KANON DIGITAL TORQUE WRENCH

Digital control for ease of use and handling. Precise control of torque at a low cost.



DLT-N100

Optional Replaceable Heads (Refer to the page 10)



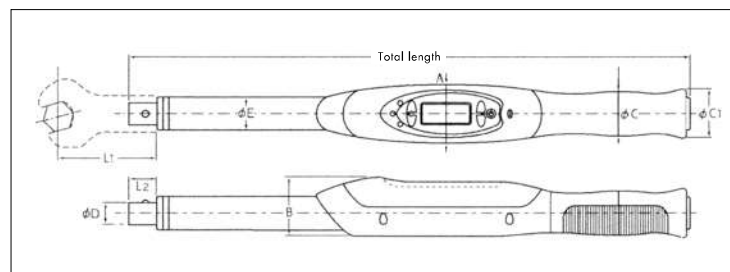
SCK
(Open End head)



RCK
(Ring head)



HCK
(Hex drive head)



FEATURES

- The digital torque wrench DLT-N series measures and digitally displays tightening torque and return torque.
- Preset function: Set the tightening torque before operation, and the LED and a buzzer tell you when the preset torque is reached during operation.
- Data memory function: Connect the torque wrench after use to your PC, and the measurement data is stored in the PC for editing in the Excel format (Windows Excel only).
- Powered by 2 rechargeable nickel-metal hydride (Ni-MH) batteries, which are recharged via the USB port of the torque wrench while they are in the wrench.
- Auto power-off: Saves power to enable use of the unit for a longer time.
- Calendar function: Date and time of tightening operations are stored in the memory.
- Smart and slim design based on a new concept.
- The head is easily replaceable to suit different purposes of use.
- $\pm 1\%$ + 1 digit guaranteed accuracy ($\pm 3\%$ + 1 digit for DLT-N50-UC).

Names and Functions of Components

⑧ Side



- ① Power key
- ② Data key
- ③ Mode key
- ④ UP key

- ⑤ DOWN key

- ⑥ LED

- ⑦ LCD display

- ⑧ USB terminal

Power ON/OFF; clears measured value in PA mode. Saves and calls data.

Selects the measurement mode.

Sets tightening torque in the preset mode; searches a particular data in the data calling mode; sets calendar and clock.

Sets tightening torque in the preset mode; searches a particular data in the data calling mode; sets calendar and clock.

Flashes to indicate that the preset torque is soon to be reached; an intermittent buzzer sounds. Lights up to indicate that the preset torque has been reached; a continuous buzzer sounds.

Displays various data.

For battery charging and data outputting (Windows only).

Model	Range	Increment	Total length mm	Dimensions (mm)									Weight kg	Accessory
				Head			Body							
				φ D1	L1	L2	A	B	φ C	φ C1	φ E			
DLT-N50-UC	10.00~50.00 N·m	0.01 N·m	411	12	55	15	47	47	37	40	27.2	0.8	50QCK	
	7.38~36.87 ft·lb	0.01 ft·lb												
	88.5~442.5 in·lb	0.1 in·lb												
	102.0~509.8 kgf·cm	0.1 kgf·cm												
DLT-N100-UC	20.0~100.0 N·m	0.1 N·m	413	15	65	17	47	47	37	40	27.2	0.9	100QCK	
	14.8~73.8 ft·lb	0.1 ft·lb												
	177~885 in·lb	1 in·lb												
	2.04~10.19 kgf·m	0.01 kgf·m												
DLT-N200-UC	40.0~200.0 N·m	0.1 N·m	457	18	80	22	47	47	37	40	27.2	1	200QCK	
	29.6~147.5 ft·lb	0.1 ft·lb												
	354~1770 in·lb	1 in·lb												
	4.08~20.38 kaf·m	0.01 kaf·m												

[Common Specifications for DLT-N Series]

Accuracy	Data memory	Measurement mode	Alarm mode	Measurement method	Power source	Use time	Charge time	Auto power off	I/O terminal	Operating temperature range
$\pm 1\%$ + 1 digit ($\pm 3\%$ + 1 digit for DLT-N50)	999 data	RUN, PA, PC	LED and buzzer	CW/CCW auto switching	Ni-MH rechargeable batteries, size AA, 1.2V; 2 pieces	Approx. 20 hours with fully charged batteries (continuous use)	Max 5 hours. (approx.) for discharge and charge	After 60 seconds	USB terminal (for Windows) for data outputting and battery charging	+5 ~ +35°C

RUN : Current load value is shown continuously **PA** : The first peak value is detected and held. **PC** : Peak-to-peak and auto start

DTC-REV

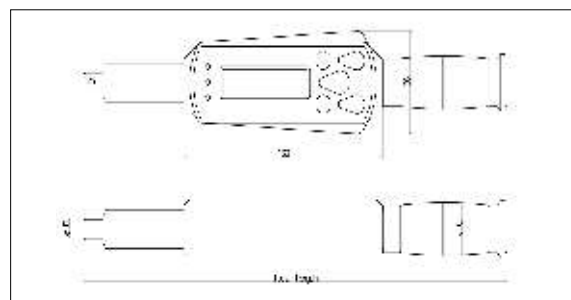
DATA OUTPUT DIGITAL TORQUE WRENCHES

Multi Function dataout put digital torque wrench with OLED display.



FEATURES

- Accuracy : $\pm 1\%$ of indicated value +1 increment, over full range
- Display : OLED
- Measuring mode : ①Peak hold ②Peak to Peak ③Tracking
- Measuring direction: CW / CCW changeover, provided with
: CW / CCW status display
- Power supply : Lithium-ion rechargeable battery 18650
100-240V battery charger
- Battery Life : Approx. 20 hours with fully charged
battery. (continuous operation)
- Auto power-off : Approx. 30 minutes
- Tolerance setting : 1 to 10%. Automatic judgment for pre-set target torque
- Data input : 1000 data can be stored



It can be measured tightening torque (CW) and loosening torque (CCW) with digital display.

When the pre-set target torque is achieved, it can be confirmed with change of sounds.

The preset values and tolerance can be set and the pass/fail judgment appears on LED.

Data include the date (year, month, date) and time (hour, min, second) in DTC-REV.

Since the OLED is high visibility, the display is easy to read even in the dark.

Model	Range(Unit)	Increment	Total length (mm)	φD.	φC	Weight (Kg)	Accessory
DTC-N10REV	1 ~ 10N·m	0.01N·m	314	10	35	0.8	12 QCK
DTC-N50REV	5 ~ 50N·m	0.01N·m	342	12	35	0.9	50 QCK
DTC-N100REV	10 ~ 100N·m	0.1N·m	386	15	35	1.1	100 QCK
DTC-N200REV	20 ~ 200N·m	0.1N·m	404	18	35	1.25	200 QCK
DTC-N300REV	30 ~ 300N·m	0.1N·m	535	22	35	1.8	280 QCK-A
DTC-N500REV	50 ~ 500N·m	0.1N·m	1063	30	34	4.2	700 QCK
DTC-N1000REV	100 ~ 1000N·m	1N·m	1417	34	34	7.6	1000 QCK
DTC-100REV	10 ~ 100kgf·cm	0.1kgf·cm	314	10	35	0.8	12 QCK
DTC-500REV	50 ~ 500kgf·cm	0.1kgf·cm	342	12	35	0.9	50 QCK
DTC-1000REV	100 ~ 1000kgf·cm	1kgf·cm	386	15	35	1.1	100 QCK
DTC-2000REV	200 ~ 2000kgf·cm	1kgf·cm	404	18	35	1.25	200 QCK
DTC-3000REV	3 ~ 30kgf·m	0.01kgf·m	535	22	35	1.8	280 QCK-A
DTC-5000REV	5 ~ 50kgf·m	0.01kgf·m	1063	30	34	4.2	700 QCK
DTC-10000REV	10 ~ 100kgf·m	0.1kgf·m	1417	34	34	7.6	1000 QCK
DTC-PI80REV	8 ~ 80lbf·in	0.01lbf·in	314	10	35	0.8	12 QCK
DTC-PI400REV	40 ~ 400lbf·in	0.1lbf·in	342	12	35	0.9	50 QCK
DTC-PI800REV	80 ~ 800lbf·in	0.1lbf·in	386	15	35	1.1	100 QCK
DTC-PF100REV	10 ~ 100lbf·ft	0.1lbf·ft	404	18	35	1.25	200 QCK
DTC-PF200REV	20 ~ 200lbf·ft	0.1lbf·ft	535	22	35	1.8	280 QCK-A
DTC-PF400REV	40 ~ 400lbf·ft	0.1lbf·ft	1063	30	34	4.2	700 QCK
DTC-PF800REV	80 ~ 800lbf·ft	1lbf·ft	1417	34	34	7.6	1000 QCK

Angle function is option: DTC-REV-A

Bluetooth function is option: DTC-REV-B (Certified in USA, Canada, Europe, Korea, Taiwan)

DTC-REV

Separate type

DATA OUTPUT DIGITAL TORQUE WRENCH

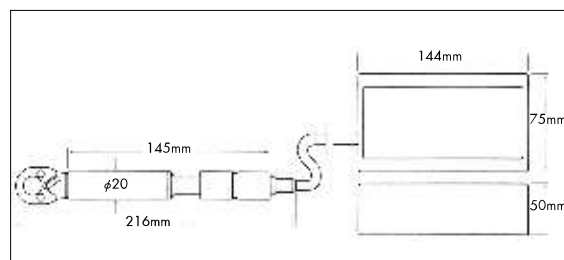
DATA OUTPUT DIGITAL TORQUE WRENCH

FEATURES

- Accuracy : $\pm 1\%$ of indicated value +1 increment, over full range
- Display : OLED
- Measuring mode : ①Peak hold ②Peak to Peak ③Tracking
- Measuring direction : CW / CCW changeover, provided with
: CW / CCW status display
- Power supply : Lithium-ion rechargeable battery 18650
: 100-240V battery charger
- Battery Life : Approx. 20 hours with fully charged
battery. (continuous operation)
- Auto power-off : Approx. 30 minutes
- Tolerance setting : 1 to 10%. Automatic judgment for pre-set target torque
- Data input : 1000 data can be stored



Model	Range (Unit)	Increment	Weight (kg)	Accessory
DTC-CN200REV	20~200 cN·m	0.1 cN·m	1	12QCK
DTC-CN500REV	50~500 cN·m	0.1 cN·m	1	12QCK
DTC-20REV	2~20 Kg·cm	0.01 Kg·cm	1	12QCK
DTC-50REV	5~50 Kg·cm	0.01 Kg·cm	1	12QCK
DTC-PI40REV	4~40 lbf·in	0.01 lbf·in	1	12QCK



DTDK-REV

DATA OUTPUT DIGITAL TORQUE DRIVER

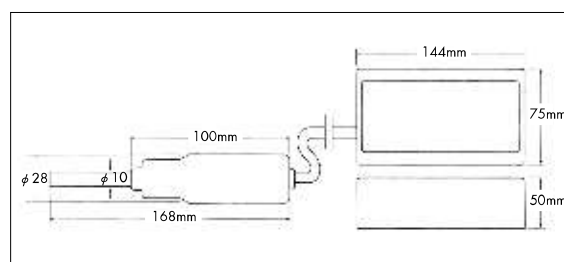
Multi function data out put digital torque driver with OLED display.

FEATURES

- Accuracy : $\pm 1\%$ of indicated value +1 increment, over full range
- Display : OLED
- Measuring mode : ①Peak hold ②Peak to Peak ③Tracking
- Measuring direction : CW / CCW changeover, provided with
: CW / CCW status display
- Power supply : Lithium-ion rechargeable battery 18650
: 100-240V battery charger
- Battery Life : Approx. 20 hours with fully charged
battery. (continuous operation)
- Auto power-off : Approx. 30 minutes
- Tolerance setting : 1 to 10%. Automatic judgment for pre-set target torque
- Data input : 1000 data can be stored



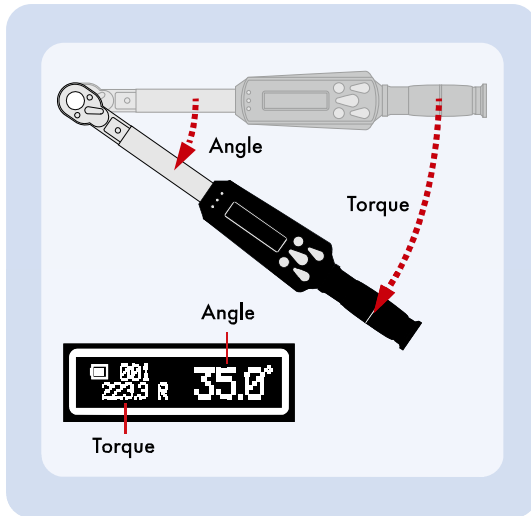
Model	Range (Unit)	Increment	Weight (kg)	Accessory
				Standard bits
				Phillips SB type
DTDK-CN200REV	20~200 cN·m	0.1 cN·m	1	No.0, No.1
DTDK-CN500REV	50~500 cN·m	0.1 cN·m	1	No.1, No.2
DTDK-20REV	2~20 Kg·cm	0.01 Kg·cm	1	No.0, No.1
DTDK-50REV	5~50 Kg·cm	0.01 Kg·cm	1	No.1, No.2
DTDK-PI40REV	4~40 lbf·in	0.01 lbf·in	1	No.1, No.2



DTC-REV-A

DATA OUTPUT DIGITAL TORQUE WRENCHES

Multi-function data output digital torque wrench with OLED display and with angle function.



Model	Range(Unit)	Increment	Accessory
DTC-N10REV-A	1 ~ 10N·m	0.01N·m	12 QCK
DTC-N50REV-A	5 ~ 50N·m	0.01N·m	50 QCK
DTC-N100REV-A	10 ~ 100N·m	0.1N·m	100 QCK
DTC-N200REV-A	20 ~ 200N·m	0.1N·m	200 QCK
DTC-N300REV-A	30 ~ 300N·m	0.1N·m	280 QCK-A
DTC-N500REV-A	50 ~ 500N·m	0.1N·m	700 QCK
DTC-N1000REV-A	100 ~ 1000N·m	1N·m	1000 QCK
DTC-100REV-A	10 ~ 100kgf·cm	0.1kgf·cm	12 QCK
DTC-500REV-A	50 ~ 500kgf·cm	0.1kgf·cm	50 QCK
DTC-1000REV-A	100 ~ 1000kgf·cm	1kgf·cm	100 QCK
DTC-2000REV-A	200 ~ 2000kgf·cm	1kgf·cm	200 QCK
DTC-3000REV-A	3 ~ 30kgf·m	0.01kgf·m	280 QCK-A
DTC-5000REV-A	5 ~ 50kgf·m	0.01kgf·m	700 QCK
DTC-10000REV-A	10 ~ 100kgf·m	0.1kgf·m	1000 QCK
DTC-PI80REV-A	8 ~ 80lbf·in	0.01lbf·in	12 QCK
DTC-PI400REV-A	40 ~ 400lbf·in	0.1lbf·in	50 QCK
DTC-PI800REV-A	80 ~ 800lbf·in	0.1lbf·in	100 QCK
DTC-PF100REV-A	10 ~ 100lbf·ft	0.1lbf·ft	200 QCK
DTC-PF200REV-A	20 ~ 200lbf·ft	0.1lbf·ft	280 QCK-A
DTC-PF400REV-A	40 ~ 400lbf·ft	0.1lbf·ft	700 QCK
DTC-PF800REV-A	80 ~ 800lbf·ft	1lbf·ft	1000 QCK



The tightening torque is displayed as an angle.
The torque and rotation angle are measured and displayed at the same time from the seated tighten screw as started point.

Dimensions of DTC-REV-A are same as DTC-REV.

DTC-REV-UW

DATA OUTPUT DIGITAL TORQUE WRENCHES

Multi-function data output digital torque wrench connectable to the optional output device.



The measured data can be output to EXCEL on PC passed by U-WAVE without software.

OPTION

Mitutoyo
U-WAVE-TCB (264-625)



Mitutoyo
02AZD790E
cable



Model	Range(Unit)	Increment	Accessory
DTC-N10REV-UW	1 ~ 10N·m	0.01N·m	12 QCK
DTC-N50REV-UW	5 ~ 50N·m	0.01N·m	50 QCK
DTC-N100REV-UW	10 ~ 100N·m	0.1N·m	100 QCK
DTC-N200REV-UW	20 ~ 200N·m	0.1N·m	200 QCK
DTC-N300REV-UW	30 ~ 300N·m	0.1N·m	280 QCK-A
DTC-N500REV-UW	50 ~ 500N·m	0.1N·m	700 QCK
DTC-N1000REV-UW	100 ~ 1000N·m	1N·m	1000 QCK
DTC-100REV-UW	10 ~ 100kgf·cm	0.1kgf·cm	12 QCK
DTC-500REV-UW	50 ~ 500kgf·cm	0.1kgf·cm	50 QCK
DTC-1000REV-UW	100 ~ 1000kgf·cm	1kgf·cm	100 QCK
DTC-2000REV-UW	200 ~ 2000kgf·cm	1kgf·cm	200 QCK
DTC-3000REV-UW	3 ~ 30kgf·m	0.01kgf·m	280 QCK-A
DTC-5000REV-UW	5 ~ 50kgf·m	0.01kgf·m	700 QCK
DTC-10000REV-UW	10 ~ 100kgf·m	0.1kgf·m	1000 QCK
DTC-PI80REV-UW	8 ~ 80lbf·in	0.01lbf·in	12 QCK
DTC-PI400REV-UW	40 ~ 400lbf·in	0.1lbf·in	50 QCK
DTC-PI800REV-UW	80 ~ 800lbf·in	0.1lbf·in	100 QCK
DTC-PF100REV-UW	10 ~ 100lbf·ft	0.1lbf·ft	200 QCK
DTC-PF200REV-UW	20 ~ 200lbf·ft	0.1lbf·ft	280 QCK-A
DTC-PF400REV-UW	40 ~ 400lbf·ft	0.1lbf·ft	700 QCK
DTC-PF800REV-UW	80 ~ 800lbf·ft	1lbf·ft	1000 QCK

Dimensions of DTC-REV-UW are same as DTC-REV.