

# 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)



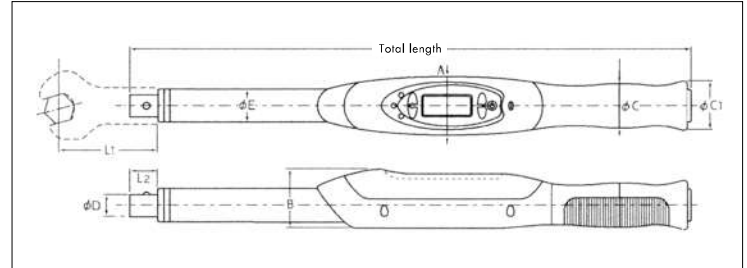
**SCK**  
(Open End head)



**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



- ① Power key  
Power ON/OFF; clears measured value in PA mode.
- ② Data key  
Saves and calls data.
- ③ Mode key  
Selects the measurement mode.
- ④ UP key  
Sets tightening torque in the preset mode; searches a particular data in the data calling mode; sets calendar and clock.
- ⑤ DOWN key  
Sets tightening torque in the preset mode; searches a particular data in the data calling mode; sets calendar and clock.
- ⑥ LED  
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.
- ⑦ LCD display  
Displays various data.
- ⑧ USB terminal  
For battery charging and data outputting (Windows only).

Model	Range	Increment	Total length mm	Dimensions (mm)									Weight kg	Accessory
				Head			Body							
				$\phi D_1$	L <sub>1</sub>	L <sub>2</sub>	A	B	$\phi C$	$\phi C_1$	$\phi E$			
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 kgf·m	0.01 kgf·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
$\pm 1\%$ + 1digit ( $\pm 3\%$ + 1digit 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