DLT-N KANON DIGITAL TORQUE WRENCH

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

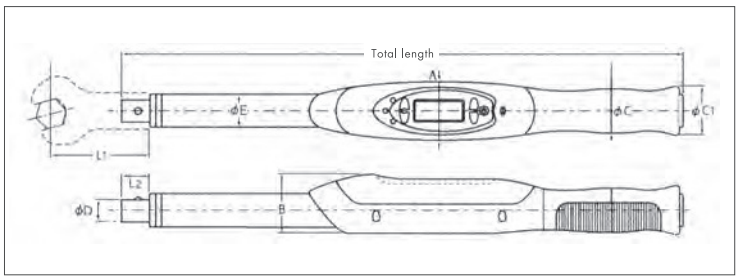
DLT-N100

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.
- ±1% + 1 digit guaranteed accuracy (±3% + 1 digit for DLT-N50-UC).

Names and Functions of Components

⑧ Side

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 reach; 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	Dimensions (mm)								Weight	Accessory
				Head			Body						
			mm	φD1	L1	L2	A	B	φC	φC1	φE	kg	
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
±1% + 1digit (±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