CEDAR

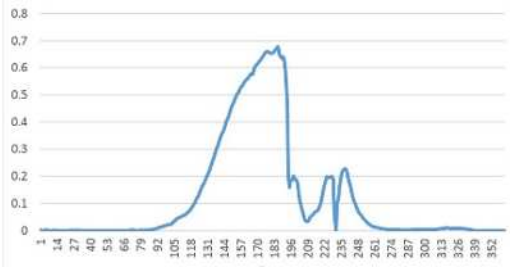
Idling type Digital Torque Driver

NDID-150CN

If you adjust the idle torque and click it tightly, the torque and the number of tightenings are recorded perfectly.

As a digital torque driver

- Upper / lower torque setting is OK!　Notification of set value with buzzer / LED lamp
- 400 data memory data can be output to USB memory
- Convenient with rechargeable battery drive! Safe operation with auto power off
- Real-time data output enables various torque inspections



As an idling torque driver

- Overwhelming workability of idling type
- Adjustable idling torque
- Management of tightening torque and number of tightening
- Saving and transferring data to USB memory

Comparison of NDID-150CN and DID-4

1.5N · m (up to about standard M4 screw) is more advantageous than DID-4.

Comparison of models				
Content	NDID-150CN 		DID-4 	
OK / NG judgment of tightening work by setting upper and lower limits	When measuring in PP mode Notification with buzzer and lamp	◎	When measuring in PP mode Notification with buzzer and lamp	◎
Loosen torque test to guess the torque that was lost by loosening the screw	Measured in PP mode Torque in the loosening direction is displayed as "-"	◎	Measured in PP mode Torque in the loosening direction is displayed as "-"	◎
Measure the limit points of screws and screw tightening work. (Breaking torque measurement, etc.)	Measured in PP mode	◎	Measured in PP mode	◎
Take data for graphing torque fluctuations such as tightening process.	Measured in C mode, data is 500 items, 4 sampling intervals	○	Measured in C mode, 800 data Two sampling intervals	○
Tightening test for tightened screws. (First peak measurement)	Cannot measure	✗	Measured in PD mode. Measurement may not be possible depending on the target.	△
Saving tightening torque as data	Save to main memory (up to 400) or USB memory.	◎	Save to main memory (maximum 800)	○
Management of number of tightening with tightening counter (Pokayoke work management)	PP C (screw tightening counter mode) Also displays the number of tightening	◎	In PP mode Buzzer and lamp when the number is complete	○
Idling at the set torque	Idle with variable torque.	◎	Not idle	✗

Model	NDID-150CN- Destination
Range	0.20 – 15.30 kgf･cm / 0. 18 – 13.28 lbf･in / 0.020 – 1.500 N･m (Selectable)
Accuracy (*)	+/- (1% + 1digit) (0.30 – 15.00 kgf･cm)
Operation Temp	10 ～ 35℃ (Storage Temp 0 ～ 45℃)

Measurement Mode

Mode		Contents
Screw Counter	PP C	When the grip slip, measure the peak torque. Manage the tightened number at the "CLEAR" timing.
Peak Hold	PP	Measure the peak torque.
Real Time Output	C	After trigger detection (direction, torque), save 500 data.
Track	-	Display the load torque.

Memory Function

Mode		Record destination
Screw Counter	PP C	USB flash memory
Peak Hold	PP	Body (MAX. 400 data)
Real Time Output	C	USB flash memory
Track	-	Non

Battery	Ni-MH Charge cycles : over 300 times (Time : about 3 hours)	
Auto power off	3 minutes	(Releasable)
Accessories	AC adaptor Bit #1, 2 Hex wrench USB memory Certification of calibration	

(*) Don't include the accuracy of the torque which GRIP-slip rotates.

Destination

Code	Jx	Ox		
Contents & measurement unit	(Used in Japan only) SI unit (N･m)	(Used in outside of Japan) SI unit (N･m)	Weight unit (kgf･cm)	Yard-pound unit (lbf･in)

* x specifies the AC adapter plug.

Code	1	2	3	4	5
Plug type	A type	A type(China)	C type	F type	G type

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