

## **Digital torque Wrench**

## **DIW-15/20/75/120** Various functions Display section one apparatus

Yes-no decision conditions etc. can save five channels.

.. A channel is only changed even if bolting conditions change.

It is not necessary to reset up a maximum value and a minimum value one by one like former.



- Ergonomic, light weight, rugged metal construction
- Wrench head swivels 300°
- Peak, Real Time and Peak Down measuring mode (selectable)
- 800 data memory
- Programmable High and Low set points with both audible beep and Green/ Red LED indicator for uniform torque tightening or GO/NO GO testing
- Both CW and CCW operation
- USB output (ASCII format)
- Runs on internal Ni-MH batteries (12 hour use)
- CW step less one-way clutch adapter (DIW-20/75/120 only), AC charger and carrying case included.



## Specification

Accuracy gurantee rangeN/m0.20~150.20~200.20~752.0~120kgf/cm2.0~1302.0~2002.0~75020~1200bb/in2.0~1302.0~1742.0~65120~1040Accuracykgeading ±0.5% (199 or less digit±1digit)Reading ±0.5% (499 or less digit±1digit)Reading ±0.5% (199 collReading ±0.5% (199 collReading ±0.5% (199 collReading ±0.5% (199 collReading ±0.5% (199 collReading ±0.5% (199 collReading ±0.5	MODEL			DIW-15	DIW-20	DIW-75	DIW-120	
guarantee range     kgf/cm     2.0~150     2.0~200     2.0~750     20~1200       Ibf/in     2.0~130     2.0~174     2.0~651     20~1040       Accuracy     Reading ±0.5% (199 or less digit±1digit)       Measurement direction     PP     peak to peak The torpex alue is output alue of load is hold displayed.     CW     Reading ±0.5% (199 or less digit±1digit)       Measurement Mode     PD     peak down Load catches a ind displays the moment included in descent from a rise.     Reading ±0.5% (Dadia number, the maximum, the limits, and can be set up. Five -set preservation is possible.     High and low value are measurement within the limits, and can be set up. Five -set preservation is possible.     High and low data number, the maximum, the minimum value, and the average value of memory data are displayed.       Data output     ASCII format (baud rate19200)     fith est -up time comes, measurem	•	N/m		0.20~15	0.20~20	0.20~75	2.0~120	
Ibf/in 2.0~130 2.0~174 2.0~651 20~1040   Accuracy Reading ±0.5% (199 or less digit±1digit) Reading ±0.5% (499 or less digit±3digit) Reading ±0.5% (199 or less digit±1digit)   Display The 4 figures digital display of LCD V   Measurement direction CW -CCW (right and left) V   PP peak to peak The highest value of load is hold -displayed.   TR track A display also changes with load change. V   PD peak -down Load catches a nd displays the moment included in descent from a rise. Real-time Output Load torque value is outputted every about 1/ 160 second.   A success or failure judging function Five-set preservation is possible. The data number, the maximum, the minimum value, and the average value of memory data are displayed. The data number, the maximum, the minimum value, and the average value of memory data are displayed.   Data output ASCII format (baud rate 19200) If the set -up time comes, measurement value will be automatically cleared in 0.0~3.0 seconds (0.5s interval).   Setup of count 1 to 99 count (count in a clockwise direction)   Power supply Ni-MH chargeable battery 1.2Vx4cells 800mAh   Charge 5 hour /, continuation about 12 -hour use Auto-power-off   Bit / Socket part Ga35 9.5   Bit / Socket part Ga35 9.5   Ga30 One -way	-	kgf/cm		2.0~150	2.0~200	2.0~750	20~1200	
Accuracy   (199 or less digit±1digit)   (499 or less digit±3digit)   (199 or less digit±1digit)     Display     (499 or less digit±3digit)   (199 or less digit±1digit)     Measurement director    CW - CCW (right and left)      Measurement director   PP   peak to peak The highest value of load is hold -displayed.      PD   peak to deat thes a nd displays the moment included in descent from a rise.       A success or failure   up. Five-set preservation is possible.   160 second.      The data number, the maximum, the minimum value, and the average value of memory data are displayed.        Data output   ASCII format (baud rate 19200)         auto cle ar time   If the set - up time comes, measurement will be automatically cleared in 0.0~3.0 seconds (0.5 sinterval).        Setup of count   1 to 99 count (count in a clockwise direction)           Power supply   Ni-MH chargeable battery 1.2Vx4cells 800mAh	range	lbf/in		2.0~130	2.0~174	2.0~651	20~1040	
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PP   peak to peak   The highest value of load is hold   -displayed.     TR   track   A display also changes with load change.   -displayed.     PD   peak -down   Load catches a   nd displays the moment included in descent from a rise.     C   Real-time Output   Load catches a   nd displays the moment included in descent from a rise.     A success or failure   High and low value is outputted every about1/   160 second.     Judging function   up. Five-set preservation is possible.   -     The Maximum, minimum, and the average value   The data number, the maximum, the minimum value, and the average value of memory data are displayed.   -     Data output   ASCII format (baud rate 19200)   -   -     auto cle ar time   If the set -up time comes, measurement value will be automatically cleared in 0.0~3.0 seconds (0.5s interval).   -     Setup of count   1 to 99 count (count in a clockwise direction)   -     Power supply   Ni-MH chargeable battery 1.2V×4cells 800mAh   -     Charge 5 hour /, continuation about 12 -hour use   -   -     Auto-power-off   After the neglect during 10 minutes   -   -     Bit / Socket part   □6.35   □9.5   □12.7 <tr< td=""><td colspan="3">Display</td><td colspan="4">The 4 figures digital display of LCD</td></tr<>	Display			The 4 figures digital display of LCD				
TR   track   A display also changes with load change.     PD   peak -down   Load catches and displays the moment included in descent from a rise.     C   Real-time Output   160 second.     A success or failure judging function   High and low value is outputted every about/   160 second.     The Maximum, minimum, and the average value   The data number, the maximum, the minimum value, and the average value of memory data are displayed.     Data memory counts   800 data     Data output   ASCII format (baud rate 19200)     auto cle ar time   If the set -up time comes, measurement value will be automatically cleared in 0.0~3.0 seconds (0.5s interval).     Setup of count   1 to 99 count (count in a clockwise direction)     Power supply   Ni-MH chargeable battery 1.2V×4cells 800mAh     Charge time / use time   Charge 5 hour /, continuation about 12 -hour use     Auto-power-off   After the neglect during 10 minutes     Bit / Socket part   □6.35   □9.5   □12.7     Weight (about)   430g   470g   620g   830g     One -way socket   Exclusive charger   Cone -way socket   Charge clauration document	Measurement direction			CW -CCW (right and left)				
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Accessories One -way socket   (one piece each) Resul t of calibration document	Bit / Socket part		□6.35	□ 9	.5	□12.7		
Accessories (one piece each) Exclusive charger   Resul t of calibration document	Weight (about)		430g	470g	620g	830g		
(one piece each) Result of calibration document				One -way socket				
Nest to calibration document				Exclusive charger				
Option When outputting data, the USB cable (mini B) is needed.	Option							

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