CEDAR

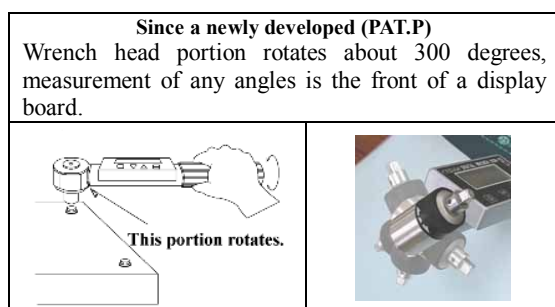## Digital torque Wrench

DIW-15/20/75/120

Various functions Display section one apparatus

(1) Unify the display section and a frame. It became stronger.
(2) Display Measurement Mode, Unit, Etc. on Display Section.
(3) Data Output is USB Form.
(4) Prepare each button in accordance with operation.
   Button operation became simple

Since a newly developed (PAT.P)
Wrench head portion rotates about 300 degrees, measurement of any angles is the front of a display board.

This portion rotates.

- 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

MODEL		DIW-15	DIW-20	DIW-75	DIW-120
Accuracy guarantee range	**N/m**	0.20〜15	0.20〜20	0.20〜75	2.0〜120
	kgf/cm	2.0〜150	2.0〜200	2.0〜750	20〜1200
	lbf/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			
Measurement direction		CW-CCW　(right and left)			
Measurement Mode	**PP**	**peak to peak**　The highest value of load is hold-displayed.			
	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** Load torque value is outputted every about1/160 second.			
A success or failure judging function		High and low value are measurement within the limits, and can be set up.			
The Maximum, the minimum, and the average value		Displays , memory and output the data number, the maximum, the minimum, and the average value of the measured value to 30 data. It can save by a maximum of 10 channels.			
Data memory counts		800 data / ten channels data			
Data output		ASCII format (baud rate 9600)			
auto clear 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
Accessories (one piece each)		One-way socket			
		Exclusive charger			
		Result of calibration document Certification on calibration document / Traceability system figure			
Option		When outputting data, the USB cable (mini B) is needed.			

Please check the newest information and the details
of each product in a homepage. **URL　http://www.cedar.co.jp**

The contents of a catalog may change specification and a design without a preliminary announcement.