

PC2

※Optional Accessory

Programing console

Programing console specially designed in pursuit of ease of use
Reading and writing of the setting value as well as tightening result (Torque value, angle value, tightening quantity, number of pulse, judgment result.) are displayed.



Display
(At setting)



Display
(At tightening OK)



Display
(At tightening NG)

External dimensions	100mm(W) × 185mm(H) × 24mm(D) Projection not included
Cabling distance	Less than 10m
Weight	300g

Standard accessories: 1 cable assy (for PC-2)

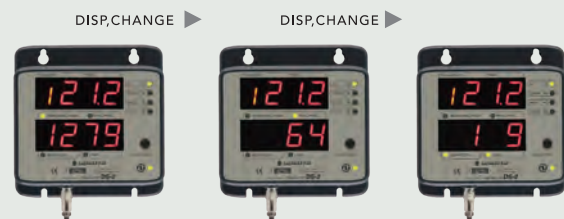
DS-2

※Optional Accessory

Display unit

Easy-to-read seven segment display & LED adopted.

Tightening result (torque value, angle value, bolt quantity, pulse number and judgment result) is displayed.



Display

Upper row: Tool, work / Torque
Lower row: Free running angle

Lower row:
Tightening angle

Lower row
: Tightening number,
number of pulse

Push-button for display switch	The display of angle/bolt quantity, number of pulse is switched.
DIP-SW	Display tool selection SW 6bit addressing SW (rotary) 4bit
External dimensions	163mm(W) x 130mm(H) x 35mm(D) Projection not included.
Cabling distance	Less than 10m
Weight	360g

Standard accessories: 1 cable assy (for DS-2)

BPL-1820

※Optional Accessory

Battery (with remaining capacity display)



Model : BPL-1820 Nominal voltage : 18V Rated capacity : 2.0Ah
Weight : 410g Size(Width x Length x Height) : 76mm×119mm×45mm

BC2075MX

※Optional Accessory

Charger



Model : BC2075MX Rated input voltage : AC100 ~ 240V ±10% 50/60Hz
Weight : 840g Size(Width x Length x Height) : 200mm×130mm×84mm

Battery Protector ※Optional Accessory



Battery Tools

YS-Z Series / WU-2

PC-2 / DS-2 / BPL-1820 / BC2075MX

Improved workability with stable wireless connection

By connecting to a wireless access point [2.4GHz/5GHz], it is possible to use different frequency bands according to the communication environment.



YS-Z / Clean & Silent Low Vibration and low noise

- ▷ Upgrade of tool lineup and series expansion
 - Applicable for higher torque ranges
 - Development of the new motor, to enable the tightening with higher torque bands.
- ▷ Visualization of communication status
 - The receiver sensitivity can be confirmed by the LED built in the tool.
- ▷ Enhanced robustness
 - Tool's bearings and resin cases have been reinforced to further enhance robustness.
- ▷ Strain gauge and direct current detection system make the tool compact and weight saving.
- ▷ Abnormal tightening detection by torque control and angle monitoring.
- ▷ Low vibration, low noise and low reaction force due to the direct drive.
- ▷ Newly developed outer rotor type motor adopted.
- ▷ Built-in controller function makes torque judgment possible in the tool.
- ▷ Built-in driver function.
- ▷ Non-contact type trigger and reverse lever.
- ▷ Built-in buzzer/LED inform an operator of tightening result and abnormal tightening
- ▷ Battery with remaining capacity display adopted.



WU-2 / Multifunctional wireless unit

- ▷ Possible to connect 4 tools with 1 wireless unit.
- ▷ Setting value can be input from PC-2 or PC.
- ▷ Saving/writing of setting value, and retrieval of tightening result are possible by a USB drive.
- ▷ 10,000 tightening data accumulation.
- ▷ Tightening result is displayed either in DS-2 or PC-2.
- ▷ Optional setting for DS-2 or PC-2.
 - DS-2 : Maximum 4 units can be connected
 - PC-2 : 1 unit connection

▷ YS-Z

Model	Bolto capacity	Torque range*1 N・m	Weight Kg/lb	Tightening number/min*2 bolt	Tightening number/charge*2 bolt	Vibration	Noise	Overall length	Overall height	Spindle offset mm/in	Sq.drive mm/in	Free speed rpm
YS-Z600	M6	7~20	1.75 (1.35)	12	1400	<2.5	67	219	252	29.5	■ 9.5	Low 1,200~1,500rpm Middle 1,500~3,000rpm High 1,500~4,800rpm
YS-Z600A	M6	5~18	1.75 (1.35)	12	1400	<2.5	67	219	252	29.5	● 6.35	
YS-Z800	M6~M8	15~35	1.8 (1.34)	8	700	<2.5	68	224	252	29.5	■ 9.5	
YS-Z800A	M6~M8	10~30	1.8 (1.34)	8	700	<2.5	68	224	252	29.5	● 6.35	
YS-Z900	M8~M10	30~50	1.9 (1.5)	5	500	<2.5	68	231	252	29.5	■ 9.5	Low 1,200~1,500rpm Middle 1,500~2,500rpm High 2,000~3,000rpm
YS-Z950	M10	40~60	1.95 (1.55)	4	450	<2.5	69	231	252	29.5	■ 9.5	
YS-Z980	M10	45~65	2.2 (1.8)	8	600	<2.5	68	244	261	34	■ 9.5	
YS-Z1000	M10~M12	60~80	2.45 (2.05)	4	350	<2.5	70	253	261	34	■ 12.7	

Standard accessories: 1 protector (for tool), 1 TF pin (2×90) Option: BPL-1820 (battery), BC2075MX (charger), Power cord (for charger), and Protector for battery
*1 The upper limit value measured on hard joint *2 According to our test conditions

▷ WU-2

Input power source	AC100V-240V ~ 1.4A MAX. 50-60Hz	I/O	8 inputs (using 24VDC built-in power supply) 8 outputs (non-voltage contact signal)
Weight	2.0 / 4.4	Serial	RS-232C 9P D-sub DTE
Size	(W)90.5/3.6 × (H)251/9.9×(L)189/7.4	LAN	RJ-45 Connector×4,10BaseT / 100BaseTX Automatic detection
Wireless communication method	Built-in wireless mode : 2.4GHz(1~11 channels) 802.11 b/g/n AP mode : 2.4GHz/5GHz (according to performance and setting of AP used) (Note 1) 802.11 g/b/n/a ⁻³	USB	USB-A ×2
		The number of connected tool	4Tools

*3 Note1 Please prepare AP (Access Point) at user's side.