



SPEED | PRECISION | QUALITY



# CORDLESS SYSTEM WRENCH

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YS-Z SERIES: SYSTEM WRENCH (HYBRID TECHNOLOGY)

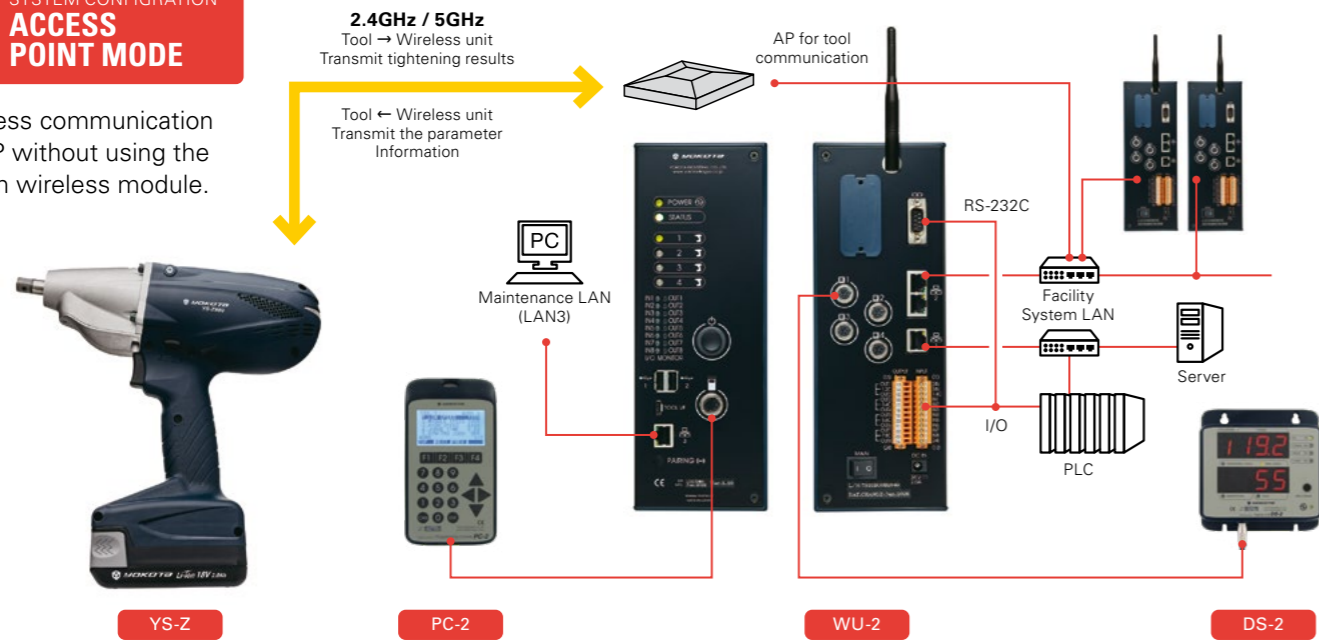
# IMPROVED WORKABILITY WITH STABLE WIRELESS CONNECTION

Clean & Silent | Low Vibration & Low Noise

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

## 1 SYSTEM CONFIGURATION ACCESS POINT MODE

Wireless communication via AP without using the built-in wireless module.



## 2 SYSTEM CONFIGURATION BUILT-IN WIRELESS MODE

Direct wireless communication with the tool, using the built-in wireless module.



### 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.

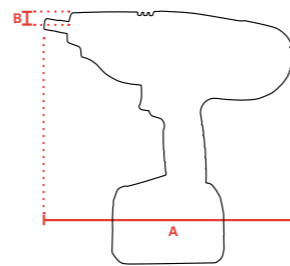
### VISUALIZATION OF COMMUNICATION STATUS

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.



### MULTIFUNCTIONAL WIRELESS UNIT WU-2

- 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



### PROGRAMMING CONSOLE PC-2

Programming 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, bolt quantity, pulse number and judgment result.) are displayed.



### DISPLAY UNIT DS-2

Easy-to-read seven segment display & LED adopted. Tightening result (torque value, angle value, bolt quantity, pulse number and judgment result) is displayed.



Type	Voltage (Volt)	Battery type	Square Drive	Bolt-capacity (mm)	RPM (min-1)	Torque (Nm)	Weight w/o battery (kg)	Vibration (m/s <sup>2</sup> )	Sound-level dB(A)	Length mm (A)	Side to centre mm (B)
YS-Z600	18 V	Li-ion 2,0 Ah	3/8" 4K	6	1200-4800	7-20	1,34	<2.5	72	214	26
YS-Z600A	18 V	Li-ion 2,0 Ah	1/4" 6K	6	1200-4800	5-18	1,34	<2.5	72	214	26
YS-Z800	18 V	Li-ion 2,0 Ah	3/8" 4K	8	1200-4800	15-35	1,34	<2.5	72	214	26
YS-Z800A	18 V	Li-ion 2,0 Ah	1/4" 6K	8	1200-4800	10-30	1,34	<2.5	72	214	26
YS-Z900	18 V	Li-ion 2,0 Ah	3/8" 4K	8-10	1200-4800	30-50	1,49	<2.5	78	226	26
YS-Z950	18 V	Li-ion 2,0 Ah	3/8" 4K	10	1200-4800	40-60	1,53	<2.5	79	226	26
YS-Z980	18 V	Li-ion 2,0 Ah	3/8" 4K	10	1200-3000	45-65	1,79	<2.5	79	261	34
YS-Z1000	18 V	Li-ion 2,0 Ah	1/2" 4K	10-12	1200-3000	60-80	2,04	<2.5	79	261	34

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## ACCESSORIES



Controller



Programming Console



Display



Charger



Battery



Protection Cover



Protection Cover

Type	Order number
Multifunctional Wireless Unit	WU-2
Programming Console	PC-2
Display Unit	DS-2
Battery Charger 18 Volt (40 min.)	BC2075MX
Li-Ion Battery (0,4 kg) 18V 2 Ah	BPL-1820
Rubber Protection Cover for Battery 20V 2Ah	0446-0029-00-01

Battery and charger have to be ordered separately.

Type	Order number
Rubber Protection Cover YS-Z600	0482-0029-00-00
Rubber Protection Cover YS-Z800	0483-0029-00-00
Rubber Protection Cover YS-Z900	0484-0029-00-00
Rubber Protection Cover YS-Z950	0485-0029-00-00
Rubber Protection Cover YS-Z980	0480-0029-00-00
Rubber Protection Cover YS-Z1000	0481-0029-00-00

## Rami Yokota BV

De Ruyterkade 120H  
1011 AB Amsterdam

+31 20 531 8805

sales@rami-yokota.com

www.rami-yokota.com



Cordless Tools