

YOKOTA - INTELLIGENT ASSEMBLY SOLUTIONS

BATTERY SYSTEM WRENCHES



YOKOTA impulse wrenches are powerful, very accurate and most important, have no kick-back. The YOKOTA system e-wrench has a built-in torque transducer and angle-encoder on the main shaft and is wireless connected to a controller. Each controller can connect with up to 4 independently operating battery system e-wrenches. The YOKOTA battery system e-wrench is the perfect solution for applications where cables or hoses are disruptive, and still all tightening data needs to be checked and documented.

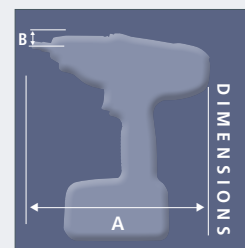


Characteristics:

- Complete freedom of movement by use of batteries
- Very low weight / torque ratio
- High speed fastening
- Acoustic and LED signals for tightening status indication
- No kick-back
- Electric (brushless) servo drive, freely RPM adjustable
- Hybrid technology
- 100% check on tightening abnormalities like cross thread, double hit, etc.

Battery and charger have to be ordered separately.

Type	Volt. V	Battery type	Square / Hex drive	Bolt capacity mm	RPM	Torque Nm	Weight (inclu. battery) kg	Vibration m/s ²	Noise level dB(A)	Dimensions A mm	Dimensions B mm
YS-e600	18 V	Li-ion 2 AH	3/8" Sq.	6	1.200-4.800	7 - 20	1,75	<2,5	72	214	26
YS-e800	18 V	Li-ion 2 AH	3/8" Sq.	8	1.200-4.800	15 - 35	1,80	<2,5	76	214	26
YS-e900	18 V	Li-ion 2 AH	3/8" Sq.	8-10	1.200-4.800	30 - 50	1,90	<2,5	78	226	26
YS-e950	18 V	Li-ion 2 AH	3/8" Sq.	10	1.200-4.800	40 - 60	1,94	<2,5	78	226	26



ACCESSORIES



Type	Order number
Wireless unit	WU-1
Display	DS-1
Programming console	PC-1
Li-Ion-Battery (0,41 kg) 18V 2 Ah	BPL-1820
Charger 18 Volt (40 Min.)	BC0075G

Rubber protection covers
YOKOTA offers a seamless integration in the 'anti-scratch' policy with rubber protection covers that are supplied as standard but can also be ordered separately.

Rubber protection cover	Order number
YS-e600	0444-0029-00-00
YS-e800	0445-0029-00-00
YS-e900	0446-0029-00-00
YS-e950	0447-0029-00-00
for battery	0446-0029-00-01

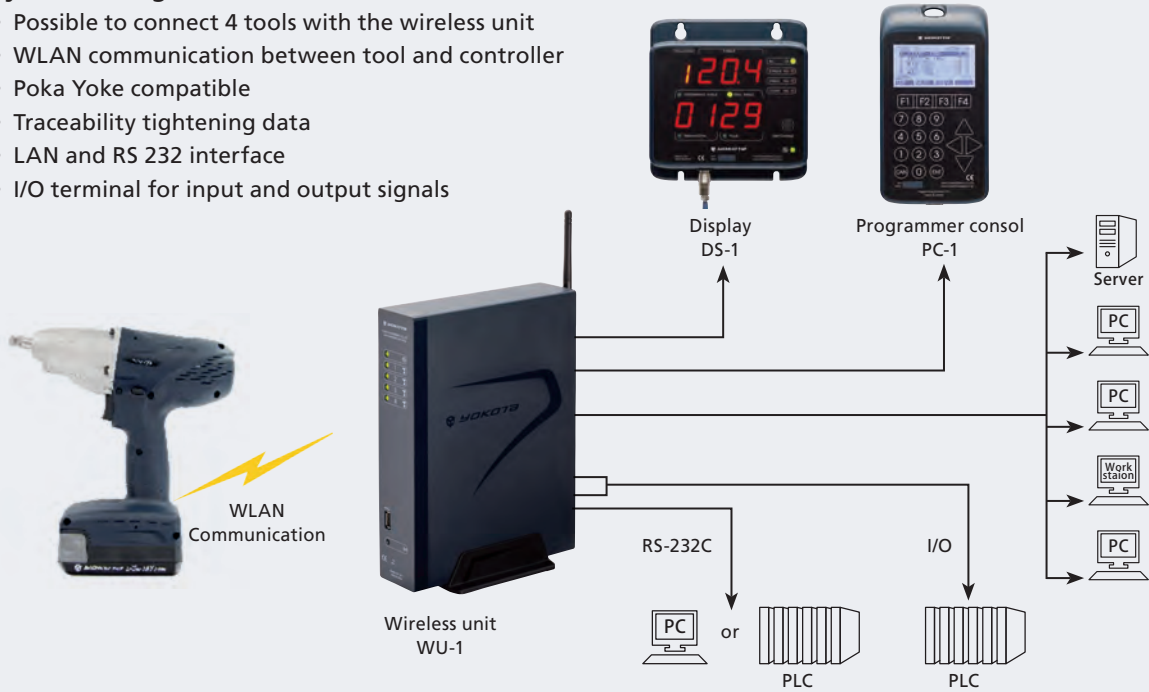
BATTERY SYSTEM WRENCHES



SYSTEM CONFIGURATION

System configuration

- Possible to connect 4 tools with the wireless unit
- WLAN communication between tool and controller
- Poka Yoke compatible
- Traceability tightening data
- LAN and RS 232 interface
- I/O terminal for input and output signals



Wireless unit WU-1

- Parameter input with PC-1 or computer
- USB: setting data back up and restore, memory read out.
- Memory for 10.000 cycles per tool
- Tightening results on DS-1 and/or PC-1
- 4 display connections



Display DS-1

- Display shows: tool number, program, torque, OK/NOK, angle, number of pulses, remaining tightenings.



Programming consol PC-1

- For setting the parameters
- Tightening results are displayed
- OK/NOK is displayed

