

SYSTEM WRENCHES

YS-e Series: cordless

Yokota cordless impulse wrenches are powerful, very accurate and have no kick-back. With a battery power source the tool allows for the highest operational flexibility. This cordless impulse wrench has a built-in torque transducer and angle-sensor on the main shaft and a wireless connection to its controller. Each controller can connect with up to 4 operating cordless system wrenches. The Yokota cordless system wrench is the perfect solution for applications where cables or hoses are disruptive yet still all tightening data requires documentation and traceability.

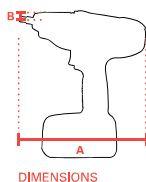
CHARACTERISTICS

- One controller connects 4 tools
- 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.



Type	Volt. V	Battery type	Square / Hex drive	Bolt capacity mm	RPM	Torque Nm	Weight (inclu. battery) kg	Vibration m/s2	Noise level dB(A)	Dimensions A mm	B mm
YS-e600	18V	Li-ion 2 AH	3/8" Sq.	6	1,200-4,800	7-20	1,75	<2,5	72	214	26
YS-e800	18V	Li-ion 2 AH	3/8" Sq.	8	1,200-4,800	15-35	1,80	<2,5	76	214	26
YS-e900	18V	Li-ion 2 AH	3/8" Sq.	8-10	1,200-4,800	30-50	1,90	<2,5	78	226	26
YS-e950	18V	Li-ion 2 AH	3/8" Sq.	10	1,200-4,800	40-60	1,94	<2,5	78	226	26

* Battery and charger have to be ordered separately.



ACCESSORIES



Type	
Wireless unit	WU-1
Display	DS-1
Programming console	PC-1
Li-Ion-Battery (0,41 kg) 18V 2 Ah	BPL1820
Charger 18 Volt (40 Min.)	BC0075G

Rubber protection covers
YOKOTA rubber protection covers that are supplied as standard but can also be ordered separately.

Rubber protection cover	Type	Part 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



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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 connection
- Optional: open protocol



DISPLAY DS-1

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



Upper row: tool number/Program/Torque
Lower row: tightening angle
Lower row: free run angle
Lower row: tightening number and number of impulses

PROGRAMMING CONSOL PC-1

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



Parameters
Tightening OK
Tightening NOK