

# BATTERY SYSTEM WRENCH

## HYBRID TECHNOLOGY

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, but you still need to have all data checked, controlled and documented.



BATTERY ( 18V 2 AH: BPL-1820) AND CHARGER (BC0075G) HAVE TA BE ORDERED SEPERATELY

### CHARACTERISTICS

- Complete freedom of movement by use of batteries
- WLAN data connection
- High speed fastening
- Acoustic and LED signals for tightening status indication
- No Kickback
- Electric (brushless) servo drive freely RPM adjustable
- Angle monitoring/controlled torque
- 100% check on tightening abnormalities like cross thread, double hit, etc.
- Traceability lightening data

### SYSTEM CONFIGURATION



Type	Volt. V	Battery type	Drive	Bolt capacity mm	RPM	Torque Nm	Weight kg	Vibration m/s <sup>2</sup>	Noise level dB(A)
YS-E600	18 V	Li-Ion 2 Ah	3/8" Sq.	6	1.200-4.800	7-20	1,75	<2,5	72
YS-E800	18 V	Li-Ion 2 Ah	3/8" Sq.	8	1.200-4.800	15-35	1,80	<2,5	76
YS-E900	18 V	Li-Ion 2 Ah	3/8" Sq.	8-10	1.200-4.800	30-50	1,90	<2,5	78
YS-E950	18 V	Li-Ion 2 Ah	3/8" Sq.	10	1.200-4.800	40-60	1,94	<2,5	78

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### Wireless unit WU-1

- Possible to connect 4 tools with the wireless unit
- 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
- LAN and RS 232 interface
- I/O terminal for input and output signals



### 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

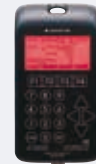
- For setting the parameters
- Tightening results are displayed
- OK/NOK is displayed



Parameters



Tightening  
OK



Tightening  
NOK

ACCESSORIES



Wireless unit



Display



Programming console



Li-Ion-battery  
18 V/2.0 Ah



Charger  
AC100~240 Volt  $\pm 10\%$  50/60Hz

Type	Order number
Wireless unit	WU-1
Display	DS-1
Programming console	PC-1
Li-Ion-Battery (0,36 kg) 18V 2 Ah	BPL-1820
Charger 18 Volt (40 Min.)	BC0075G

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 0446-0029-00-00
for battery	0446-0029-00-01