Tool

Pistol Tools



Model	Torque Range		Max. Speed (rpm)		Drive Shaft		Weight*		Length		Battery Pack Included	Drive Mode
	N·m	ft·lb	25V Battery	36V Battery	mm	in	kg	lb	mm	in		
EHC2-R3008-PW1	1.6-8	1.2-5.9	1100	1500	9.5sq	3/8	1.4	3.1	224	8.8	BPL-2520ES	Direct /Pulse
EHC2-R3008-PW1H	1.6-8	1.2-5.9	1100	1500	Hex6.35	1/4	1.4	3.1	226.5	8.9		
EHC2-R3015-PW1	3-15	2.2-11.1	600	800	9.5sq	3/8	1.4	3.1	224	8.8		
EHC2-T3030-PW1	6-30	4.4-22.1	1100	1500	9.5sq	3/8	1.4	3.1	224	8.8		Pulse
EHC2-T3050-PW1	10-50	7.4-36.9	1000	1350	12.7sq	1/2	1.65	3.6	233	9.2		

*Note: Weight does not include the battery.

Right Angle Tools



Model	Torque Range		Max. Speed	Drive Shaft		Weight*		Length		Battery Pack Included	Drive Mode
	N·m	ft·lb	rpm	mm	in	kg	lb	mm	in		
EHC2-R1030-AW1	6-30	4.4-22.1	393	9.5sq	3/8	2.3	5.1	517	20.4	BPL-3620ES	Direct
EHC2-R1050-AW1	10-50	7.4-36.9	215	9.5sq	3/8	2.6	5.7	532	20.9		
EHC2-R1065-AW1	13-65	9.6-47.9	166	12.7sq	1/2	2.9	6.4	564	22.2		
EHC2-R1090-AW1	18-90	13.3-66.4	117	12.7sq	1/2	3.5	7.7	598	23.5		
EHC2-T0020-AW1	4-20	3.0-14.8	1029	9.5sq	3/8	2.0	4.4	489	19.3		Pulse
EHC2-T0040-AW1	8-40	5.9-29.5	844	9.5sq	3/8	2.4	5.3	503	19.8		
EHC2-T0070-AW1	14-70	10.3-51.6	581	12.7sq	1/2	2.7	6.0	531	20.9		
EHC2-T2100-AW1	20-100	14.8-73.8	608	12.7sq	1/2	3.2	7.1	567	22.3		

*Note: Weight does not include the battery.

Wireless Communication Specifications

Communication Method	WLAN
Frequency Band	2.4GHz / 5GHz
Security Method	WEP (64bit, 128bit) , WPA-PSK, WPA2-PSK

Battery Charger

Model	Applicable Battery	Rated Input	Rated Output	Charging Time
BC2075MX	BPL-2520ES	AC100-240V	2.0A±0.2A	75 min.
	BPL-3620ES	50/60Hz	1.6A±0.2A	90 min.

Power Cable for Battery Charger

Model	Length (m)	Remarks
EHC-CP01-UL1	1	100V AC
EHC-CP02-AC	1	200V AC

Battery Pack

Model	Voltage	Ampere-hour	Weight		Compatibility
			kg	lb	
BPL-2520ES	DC25.2V	2.0Ah	0.56	1.19	Pistol Tools
BPL-3620ES	DC36V	2.0Ah	0.70	1.50	Right Angle & Pistol

AIM Kit (Optional)

LCD Display and Barcode Scanner



- Tool Unit Information Display
- Tightening Result and Error Display
- Barcode and QR Code Reading
- Channel and Job Selection, etc.

Model Number	Tool Unit Model+AIM Kit (ex. EHC2-R3008-PW1+AIM2) (ex. EHC2-R1030-AW1+AIM2)

Specifications	
Barcode Symbology	Barcode (CODE 39, 128; etc.) QR Code, Data Matrix Code
Display Size	1.5 inch LCD (240×240 dots)
Buttons	Up, Down, Left, Right, Set
Weight	130g

Sub-Battery (Optional)



The sub-battery contained in the tool unit maintains the status of wireless connection for two minutes when the battery pack is removed.

MIF

Up to 10 WiFi tools can connected and controlled via WLAN access points.



Max No. of Channel	250	
Max No. of Job	99 (30 Steps/Job)	
Storage Capacity	Fastening Results	:100,000/1Workstation
	Torque Curve	:1,000/1Workstation
	System Error	:1,000
DC Output Power	DC24V Max.1.5A	
Power Supply	Single Phase AC100～230V 50/60Hz	

Fieldbus	Model
Standard Spec	EHC2-MIF10-N
CC-Link	EHC2-MIF10-M
PROFINET	EHC2-MIF10-S
EtherNet/IP	EHC2-MIF10-R
CC-Link IE Field	EHC2-MIF10-I
DeviceNet	EHC2-MIF10-O
PROFIBUS	EHC2-MIF10-G
EtherCAT	EHC2-MIF10-B

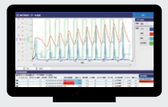
Power Cable

Model	Length (m)	Remarks
EH2-CP02-UL1	2	For Japan and USA 100V AC
EH2-CP02-CN1	2	For China 200V AC
EH2-CP02-UK1	2	For UK 200V AC
EH2-CP02-EU1	2	For Europe 200V AC
EH2-CP02-TH1	2	For Thailand 200V AC
EH2-CP02-CE2	2	No Plug 200V AC

Management Software

EHC2-MIF-PC

Exclusive management software designed for the Master Interface Unit (MIF), featuring a range of capabilities including parameter reading and writing, data storage management, monitoring of tightening results, overlaying torque curves, displaying cursor coordinates, and managing I/O allocation.

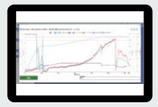


Languages : Japanese, English, Chinese, Korean
OS : Windows11

Web Data Logger

Dedicated software designed to automatically log tightening data through Ethernet connection. The acquired data, including torque waveforms, are sequentially recorded in a database, and presented on the screen. Additionally, batch output can be scheduled and set with the acquired tightening results prepared in CSV or Excel file formats, facilitating a streamlined generation of reports.

*Release scheduled



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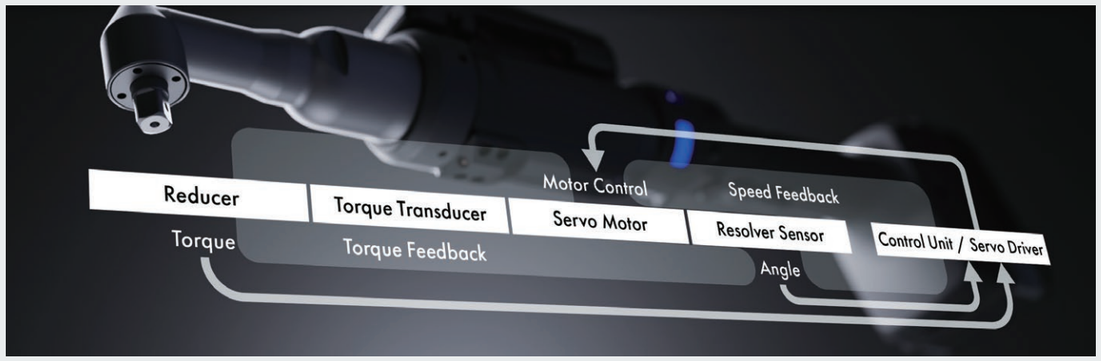
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Introducing the Next Generation

The expanded memory and improved communication performance enable smooth fastening operations while maintaining high-precision fastening quality during communication with the MIF or a host PC. Fastening results can be stored in the tool's internal memory.





The tool has a built-in control/driver which provides feedback control every half millisecond. Even with wireless operation, high tightening accuracy equivalent to that of a wired nutrunner can be achieved.

5GHz and 2.4GHz Compatibility

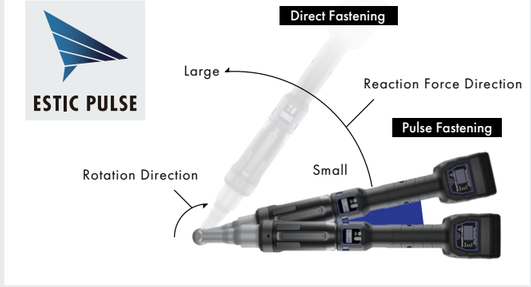
The MIF Controller offers WLAN support in both 5GHz and 2.4GHz frequencies. Our lightning-fast MIF series transmits results to the PC software in just few seconds. Select network configurations for an interference-free operation.



Significantly Reduce Reaction Torque

A Breakthrough in Operator Safety

Our pioneering Pulse Technology introduces a solution for minimizing operator strain. Instead of continuous momentum, which creates a large reaction force, our Pulse Technology breaks the force up into fractions of a second by acting like a hammer making small taps. The user receives little reaction force in response and the system records torque data every 1/2000th of a second for a precise approach. As a result, you can achieve safe and accurate tightening.



Convenient Display and Barcode Scanner

The AIM kit (optional) has a 1.5-inch display that allows a user to quickly check fastening status. Easily link workpiece serials with fastening results and select fastening programs from barcode data.



Connect Up to 10 Tools

Pair up to 10 tools to a single MIF controller and effortlessly manage the connected tools and tightening data. Create up to 250 fastening programs with ease.



Collect and Report Result Data to a Host Server

