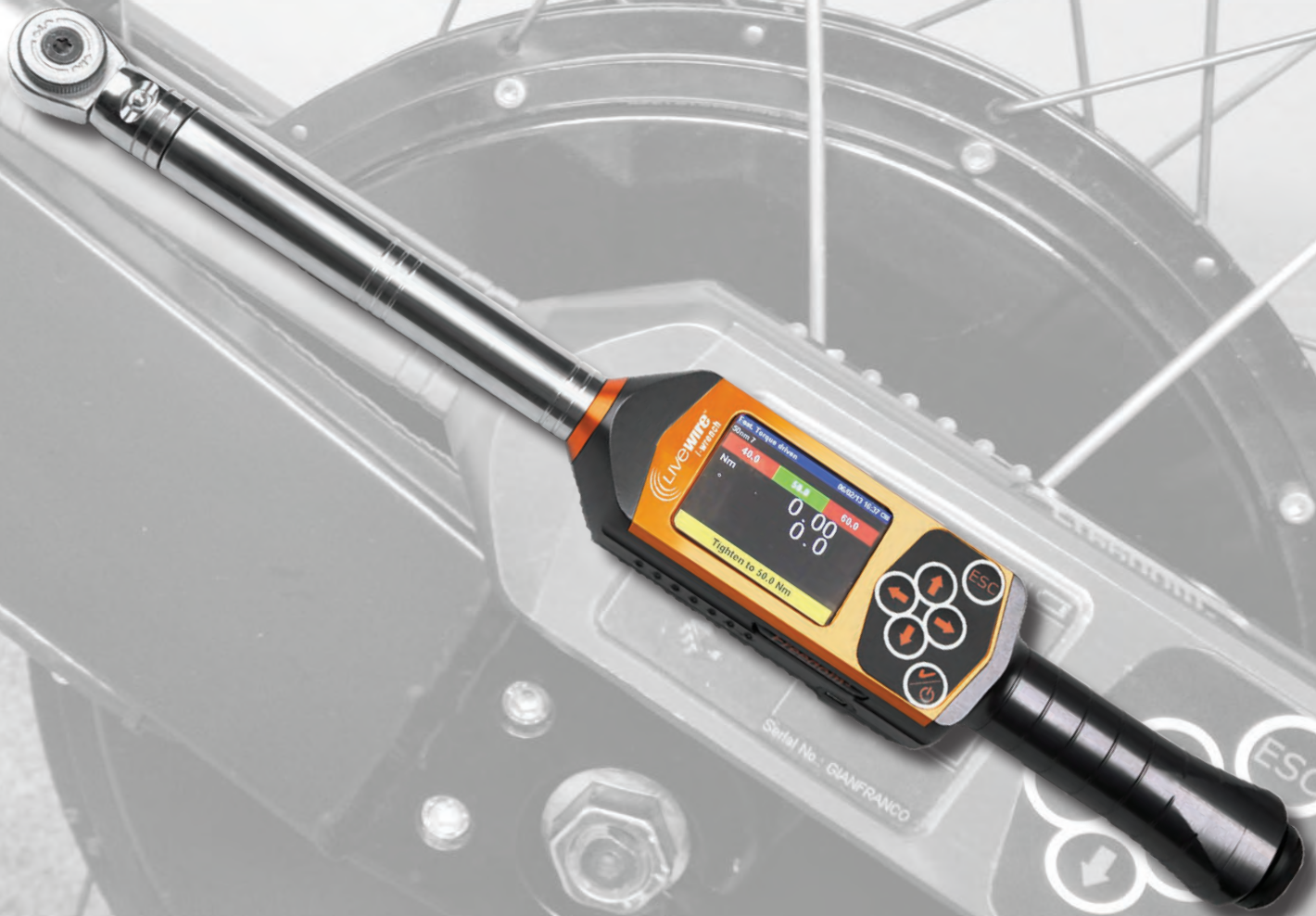


LIVewire™ I-Wrench
for Production

Cleco®



Smart and Flexible.

LiveWire I-Wrench

Wireless. Flexible. User-Friendly.

Your productivity, your freedom.

Our Cleco LiveWire I-Wrench is a true all around production tool to meet your flexible manufacturing needs. It is the perfect tool for advanced threaded tightenings. Additionally, it is suitable for your production line, enabling you to utilize both torque and angle tightening strategies.

The patented measuring system for the angle of rotation, the color display with touch screen and the large memory capacity of 1GB make the Cleco LiveWire I-Wrench the most flexible and versatile wireless torque wrench available on the market.

Accuracy

- $\pm 0.5\%$ deviation between 20% and 100% of the torque capacity
- $\pm 1\%$ deviation between 10% and 20% of the torque capacity
- $\pm 0.1^\circ$ display value of the angle

Features

- 1GB memory for 20,000 values
- 20,000 curves
- 1,000 parameter sets
- 9 hours battery life

Navigation

- Color touch screen navigation or menu navigation buttons
- Torque and angle data
- Traces on controller
- Application images



Production

- WIFI 2.4 and 5 GHz
- Client or stand-alone
- Torque control – angle monitor
- Angle control – torque monitor
- Data and graph transmission to global controller

LiveWire I-Wrench Nomenclature



	Model name	Description	Torque range		Drive	Length	Weight
			(Nm)	(ft lb)	(mm)	(inch)	(lb)
I - W R E N C H	I-Wrench 15	Torque & Angle Wrench	1.5 - 15	1.1 - 11	9 x 12	15.47	1.76
	I-Wrench 30	Torque & Angle Wrench	3 - 30	2.2 - 22	9 x 12	15.47	1.90
	I-Wrench 70	Torque & Angle Wrench	7 - 70	5.2 - 52	9 x 12	19.61	2.05
	I-Wrench 100	Torque & Angle Wrench	10 - 100	7.4 - 74	9 x 12	19.61	2.05
	I-Wrench 200	Torque & Angle Wrench	20 - 200	14.8 - 148	14 x 18	24.76	3.31
	I-Wrench 300	Torque & Angle Wrench	30 - 300	22.2 - 222	14 x 18	30.67	4.10
	I-Wrench 400	Torque & Angle Wrench	40 - 400	29.6 - 296	14 x 18	34.61	4.41
	I-Wrench 600	Torque & Angle Wrench	60 - 600	44.4 - 444	14 x 18	41.61	8.05
	I-Wrench 800	Torque & Angle Wrench	80 - 800	59.2 - 592	Ø 20	52.36	11.24
	I-Wrench 1000	Torque & Angle Wrench	100 - 1,000	74.0 - 740	Ø 20	63.39	13.78
	I-Wrench 1200	Torque & Angle Wrench	120 - 1,200	88.5 - 885	Ø 30	67.52	15.43
	N O M E N C L A T U R E	Product number	Description				
no barcode reader, with rubber protection, with WIFI module, with Auto Head Recognition							
PRW-0015-0110-WI		Cleco LiveWire I-Wrench 15					
PRW-0030-0110-WI		Cleco LiveWire I-Wrench 30					
PRW-0070-0110-WI		Cleco LiveWire I-Wrench 70					
PRW-0100-0110-WI		Cleco LiveWire I-Wrench 100					
PRW-0200-0110-WI		Cleco LiveWire I-Wrench 200					
PRW-0300-0110-WI		Cleco LiveWire I-Wrench 300					
PRW-0400-0110-WI		Cleco LiveWire I-Wrench 400					
PRW-0600-0110-WI		Cleco LiveWire I-Wrench 600					
PRW-0800-0110-WI		Cleco LiveWire I-Wrench 800					
PRW-1000-0110-WI		Cleco LiveWire I-Wrench 1,000					
PRW-1200-0110-WI		Cleco LiveWire I-Wrench 1,200					
with barcode reader, with rubber protection, with WIFI module, with Auto Head Recognition							
PRW-0015-1110-WI		Cleco LiveWire I-Wrench 15					
PRW-0030-1110-WI		Cleco LiveWire I-Wrench 30					
PRW-0070-1110-WI		Cleco LiveWire I-Wrench 70					
PRW-0100-1110-WI		Cleco LiveWire I-Wrench 100					
PRW-0200-1110-WI		Cleco LiveWire I-Wrench 200					
PRW-0300-1110-WI		Cleco LiveWire I-Wrench 300					
PRW-0400-1110-WI		Cleco LiveWire I-Wrench 400					
PRW-0600-1110-WI		Cleco LiveWire I-Wrench 600					
PRW-0800-1110-WI		Cleco LiveWire I-Wrench 800					
PRW-1000-1110-WI		Cleco LiveWire I-Wrench 1,000					
PRW-1200-1110-WI	Cleco LiveWire I-Wrench 1,200						



Explanation Nomenclature

P R W
I-Wrench for Production

0 0 1 5
0015-1200 - I-Wrench Torque

0 1 1 0
0110 - no barcode reader,
with rubber protection
1110 - with barcode reader,
with rubber protection

W I
WI - with WIFI
module

LiveWire I-Wrench Specifications



Model number	Model name	Description
On the tool accessories		
313110030	I-Wrench-DRP	Rubber protection with display protection
External accessories		
197140013	I-Wrench-PU	Head recognition programming unit
197130020	TAW-PSS3-RP 15/30	Tool charging cradle for Cleco LiveWire I-Wrench 15/30 Nm with rubber protection
197130021	TAW-PSS3-RP 70/100	Tool charging cradle for Cleco LiveWire I-Wrench 70/100 Nm with rubber protection
197130022	TAW-PSS3-RP 200	Tool charging cradle for Cleco LiveWire I-Wrench 200 Nm with rubber protection
197130023	TAW-PSS3-RP 300	Tool charging cradle for Cleco LiveWire I-Wrench 300 Nm with rubber protection
197130024	TAW-PSS3-RP 400	Tool charging cradle for Cleco LiveWire I-Wrench 400 Nm with rubber protection
197130025	TAW-PSS3-RP 600	Tool charging cradle for Cleco LiveWire I-Wrench 600 Nm with rubber protection
197130026	TAW-PSS3-RP 800	Tool charging cradle for Cleco LiveWire I-Wrench 800 Nm with rubber protection
197130027	TAW-PSS3-RP 1,000	Tool charging cradle for Cleco LiveWire I-Wrench 1,000 Nm with rubber protection
197130028	TAW-PSS3-RP 1,200	Tool charging cradle for Cleco LiveWire I-Wrench 1,200 Nm with rubber protection
313210042	I-Wrench-BA	Li-Ion Battery 3.6V
197140017	I-Wrench-EC1	External battery charger for 1 battery with J21
197140018	I-Wrench-EC2	External battery charger for 2 batteries with JS22
197990008	I-Wrench-USB	USB cable 2m
544249PT	Access Point	WLAN Dual Band Access Point 2.4 & 5 GHz (US) incl. Antennas
333110016	Chip/Tag for Head	Chip/Tag for Head Recognition
102110003	SQnet	SQnet FTA Software for setup & data download (Standalone Version)

ACCESSORIES

More accessories are available upon request. Please contact our Sales- & Service centers.

Please note: Ratchets are not included and need to be ordered separately. Neither are sockets which you can order from our Apex Bits & Sockets assortment.



Rubber and Screen Protection



Head Recognition Programming Unit



Li-Ion Battery 3.6V



USB Cable



PRW Charging Cradle



Dual Band Access Point



External Battery Charger Dual



External Battery Charger Single

LiveWire I-Wrench Ratchets & Open End Heads



R A T C H E T S	without Chip Recognition Capability (machined ready as standard for chip capability)		with Chip Recognition Capability	
	Model number	Description	Model number	Description
	197170001	9 x 12 - 1/4"	197179001	TR 9 x 12 - 1/4"
	197170002	9 x 12 - 3/8"	197179002	TR 9 x 12 - 3/8"
	197170003	9 x 12 - 1/2"	197179003	TR 9 x 12 - 1/2"
	197170005	14 x 18 - 1/2"	197179005	TR 14 x 18 - 1/2"
	197170006	14 x 18 - 3/4"	197179006	TR 14 x 18 - 3/4"
	197170007	Ø 20 - 3/4"		
	197170008	Ø 20 - 1"		
	197170146	Blank End Insert Tool 9 x 12		
	197120147	Blank End Insert Tool 14 x 18		



O P E N E N D H E A D S	Product Description	Product No. without Chip Capability	Product No. with Chip Capability
		7 mm 9X12	197170024
	8 mm 9X12	197170025	197179025
	9 mm 9X12	197170026	197179026
	10 mm 9X12	197170027	197179027
	11 mm 9X12	197170028	197179028
	12 mm 9X12	197170029	197179029
	13 mm 9X12	197170030	197179030
	14 mm 9X12	197170031	197179031
	15 mm 9X12	197170032	197179032
	16 mm 9X12	197170033	197179033
	17 mm 9X12	197170034	197179034
	18 mm 9X12	197170035	197179035
	19 mm 9X12	197170036	197179036
	13 mm 14X18	197170037	197179037
	14 mm 14X18	197170038	197179038
	15 mm 14X18	197170039	197179039
	16 mm 14X18	197170040	197179040
	17 mm 14X18	197170041	197179041
	18 mm 14X18	197170042	197179042
	19 mm 14X18	197170043	197179043
	21 mm 14X18	197170044	197179044
	22 mm 14X18	197170045	197179045
	24 mm 14X18	197170046	197179046
	25 mm 14X18	197170047	197179047
	27 mm 14X18	197170048	197179048
	30 mm 14X18	197170049	197179049
	32 mm 14X18	197170050	197179050

More open end & ring end heads are available upon request. Please contact our Sales & Service Centers.

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