LiveWire™

LiveWire I-Wrench for Production

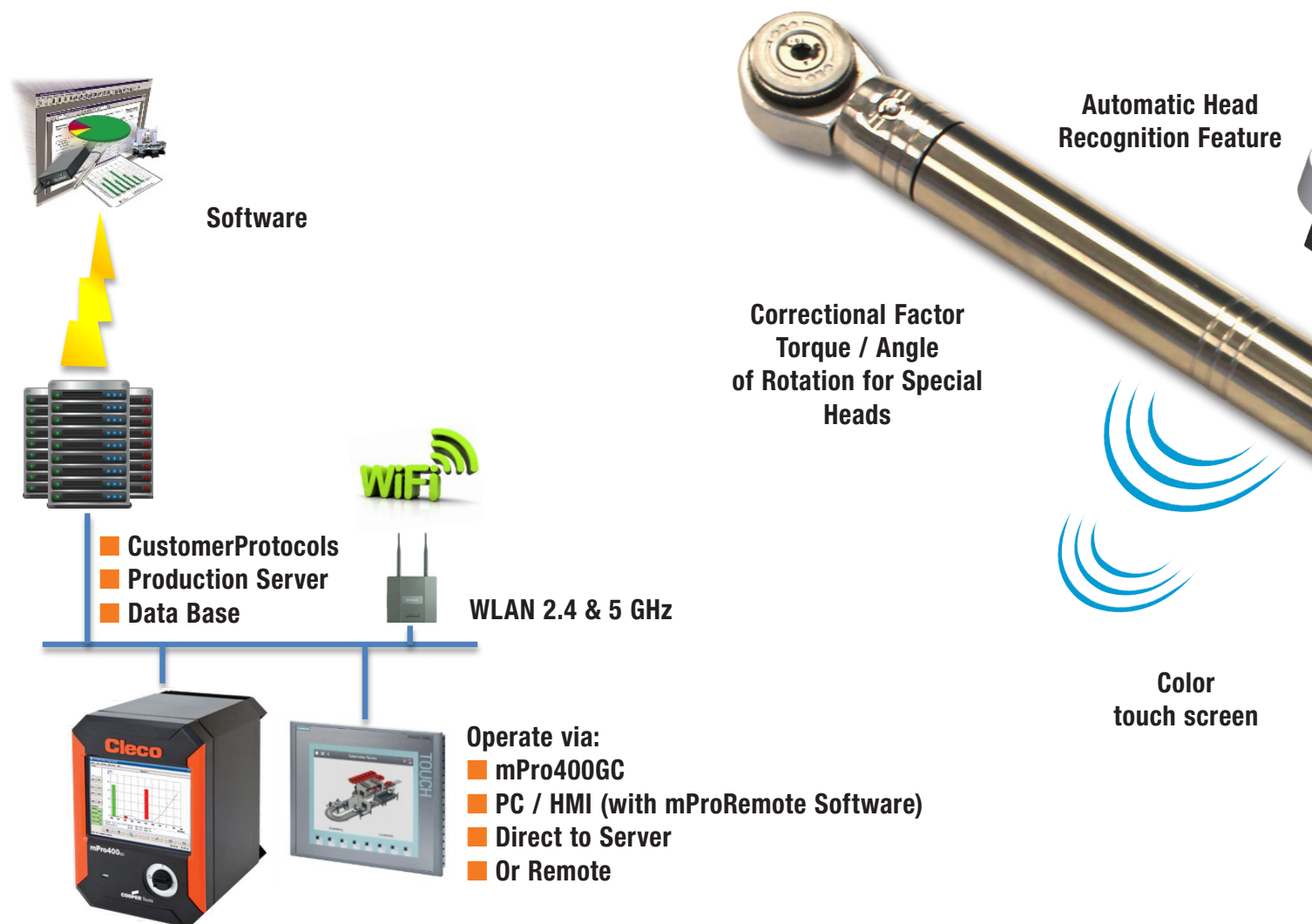Smart and Flexible.

Cleco®

Wireless. Flexible.

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 1 GB make the Cleco LiveWire I-Wrench the most flexible and versatile wireless torque wrench available on the market.

Software

Automatic Head Recognition Feature

Correctional Factor Torque / Angle of Rotation for Special Heads

- **CustomerProtocols**
- **Production Server**
- **Data Base**

WLAN 2.4 & 5 GHz

Color touch screen

Operate via:
- **mPro400GC**
- **PC / HMI (with mProRemote Software)**
- **Direct to Server**
- **Or Remote**

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.

U s e r - F r i e n d l y.

Accuracy.

- ± 0.5% deviation between 20% and 100% of the torque capacity
- ± 1% deviation between 10% and 20% of the torque capacity
- ± 0.1° display deviation of the angle

Fast. Torque driven   06/02/13 16:56
50nm 7
40.0   50.0   60.0
Nm   0.00
°   0.0
Tighten to 50.0 Nm

Navigation.

Color touch screen navigation or menu navigation buttons

- Torque & Angle Data
- Traces on Controller
- Application images

Features.

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

Barcode Reader

RS422 - USB Interface

Visual Operator Guidance & Vibration Notification

Rechargeable Li-Ion Battery

Measurement of Angle of Rotation Independent from Temperature

LiveWire I-Wrench Nomenclature

Model name	Description	Torque range (Nm)	(ft lb)	Drive (mm)	Length (inch)	Weight (lb)
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 20	67.52	15.43

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 1000
PRW-1200-0110-WI	Cleco LiveWire I-Wrench 1200
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 1000
PRW-1200-1110-WI	Cleco LiveWire I-Wrench 1200

Explanation Nomenclature

P	X	X		0	0	1	5		0	1	0	0		W	I

I-Wrench for Production

0015-1000 - I-Wrench Torque

0110 - no barcode reader, with rubber protection

1110 - with barcode reader, with rubber protection

WI - with WIFI module

RATCHETS

Model number	Description
without Chip Recognition Capability	
197170001	I-Wrench Reversible ratchet 9 x 12 - 1/4"
197170002	I-Wrench Reversible ratchet 9 x 12 - 3/8"
197170003	I-Wrench Reversible ratchet 9 x 12 - 1/2"
197170005	I-Wrench Reversible ratchet 14 x 18 - 1/2"
197170006	I-Wrench Reversible ratchet 14 x 18 - 3/4"
197170007	I-Wrench Reversible ratchet Ø 20 - 3/4"
197170008	I-Wrench Reversible ratchet Ø 20 - 1"
58270010	I-Wrench Blank End Insert Tool 9 x 12
58270040	I-Wrench Blank End Insert Tool 14 x 18
with Chip Recognition Capability	
197179001	I-Wrench Reversible ratchet TR 9 x 12 - 1/4"
197179002	I-Wrench Reversible ratchet TR 9 x 12 - 3/8"
197179003	I-Wrench Reversible ratchet TR 9 x 12 - 1/2"
197179005	I-Wrench Reversible ratchet TR 14 x 18 - 1/2"
197179006	I-Wrench Reversible ratchet TR 14 x 18 - 3/4"

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	Tool recognition programming unit	
197130010-18	TAW-PSS3	Tool charging cradle (please add model name)	
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	Additional battery	
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	
544249PT	DLink	Dual Access Point 2.4 & 5 GHz	
333110016	Tag for Head	Tag for Head Recognition	
102110003	Sqnet	Sqnet FTA Software für Programmierungs- & Download Daten (Standalone mode)	

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.

ACCESSORIES