

# Precision Cordless Screwdrivers



**NEW**

## The best in tightening technologies in a cost-effective package

First of a new range, the innovative QX Series precision cordless screwdrivers provide a fully transducerized fastening solution in a wide variety of configurations. Flexible at the work station with multiple settings they are easy to use as standalone tools or can be fully integrated into a traceable process in wireless configuration.

### Productivity in Your Hand

- **True closed-loop transducerized torque and angle control** provides excellent accuracy and traceability.
- **Advanced tightening strategies**, including prevailing torque, torque and/or angle control for best-in-class and flexible process control.
- **8 user-programmable torque/angle/speed configurations** allow one tool to do the jobs previously done by many.
- **Tool can be programmed** using integrated keypad, USB port or wirelessly with ICS software.
- **Multi-function LCD and keypad** offers quick setup and visual feedback.
- **Onboard motor control** eliminates need and cost of external controller.
- **Wireless communication** allows for process control, real-time data transfer and archiving.



# Precision Cordless Screwdrivers



True closed-loop transducerized torque and angle control provides excellent accuracy and traceability.

- 8 programmable configurations allow one tool to do the jobs previously done by many.
- Closed-loop control
- On-tool torque traceability
- Data archiving
- Prevailing torque algorithm
- Speed control
- Soft start
- Gang count
- Cycle count
- Free speed and final tightening speed

Super bright LED light for illuminating the work area, even in dark places.

High-durability DC brushless motor designed for production assembly applications.

Onboard motor control eliminates need and cost of external controller.

A range of 18 models, comprising 3 fully adjustable torque and speed configurations, with or without communication module:

- 0.8 – 4 Nm / 150 – 1500 rpm
- 1.6 – 8 Nm / 115 – 1150 rpm
- 2.4 – 12 Nm / 75 – 750 rpm

With the choice among 3 drives:

- 1/4" quick change
- 1/4" square drive
- 3/8" square drive

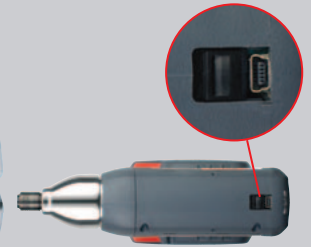
Lightweight, low-reaction and ergonomic design maximize operator comfort.

Compatible with high-capacity 3.0 Ah battery (BL2010) for maximum runtime or compact 1.5 Ah battery (BL2005) for reduced tool weight.



Wireless communication on QXX models including:

- Process control with I/O
- Real-time archiving to database
- Tightening configuration switching
- Preventive maintenance alarms



USB programming and downloading port



Tool backlit liquid-crystal display and keypad for quick setup and visual feedback. Fastening configuration change, display of end-of-run torque, angle results and preventive maintenance alarms.

- 1 Multi-colour signal indicator LEDs and audible alarm
- 2 Torque / Angle display
- 3 Gang count
- 4 Escape button
- 5 Validation button
- 6 Fault code indication light (blue)
- 7 Navigation button

Yellow = below limit  
Green = OK  
Red = above limit

# Communication and programming features

## LCD display and keypad

Integrated keyboard and screen allow for easy programming of standard tightening strategies directly on the tool and without the need of additional controllers and software.



## USB connection

Tool USB port can be used for programming all advanced tightening configurations with the Ingersoll Rand ICS Connect software and a computer – up to 8 programmable fastening configurations.

Cycle data stored on the tool (up to 1200 end-of-run data) can be retrieved to a computer equipped with ICS Connect.



Computer with ICS Connect software

IC-PCM-2-EU  
(CPN: 24119638)

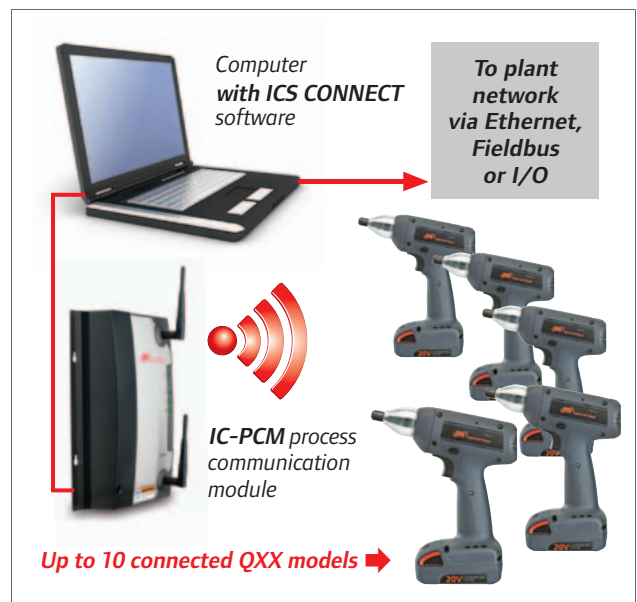
## QXX models with IC-PCM communication module












Tools equipped with a wireless communication option (**QXX models**) can be connected to a Process Communication Module (**IC-PCM**) for remote process control, tool programming and end-of-run data archiving.

**IC-PCM** Process Communication Module used together with the **ICS Connect** software allows for wireless tool programming and adjustment of all advanced tightening strategies on up to 10 connected tools. It allows for real-time end-of-run data collection and communication to a database or assembly line control system via an Ethernet, Fieldbus or I/O connection.

The **IC-PCM** can also select the right tightening strategy programmed on the tool based on input received from a connected equipment such as socket or bit selector, barcode reader or printer.



## Specifications

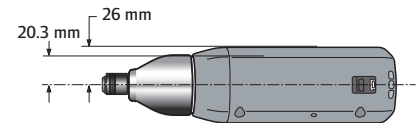
Tool* model no. USB only	CPN	Tool* model no. USB + wireless	CPN	Torque range Nm	Speed range rpm	Drive type	Tool weight (1) kg	Tool length mm	Sound pressure (2) dB(A)	Vibration level (3) m/s <sup>2</sup>
<b>20 V Precision Cordless Screwdrivers</b>										
QXC2PT04PQ4	47104039	QXX2PT04PQ4	47104062	0.8 - 4	150 - 1500	1/4" 	0.91	215	< 70	< 2.5
QXC2PT04PS4	47104047	QXX2PT04PS4	47104070	0.8 - 4	150 - 1500	1/4" 	0.91	208	< 70	< 2.5
QXC2PT04PS6	47104054	QXX2PT04PS6	47104088	0.8 - 4	150 - 1500	3/8" 	0.91	212	< 70	< 2.5
QXC2PT08PQ4	47103973	QXX2PT08PQ4	47104005	1.6 - 8	115 - 1150	1/4" 	0.91	215	< 70	< 2.5
QXC2PT08PS4	47103981	QXX2PT08PS4	47104013	1.6 - 8	115 - 1150	1/4" 	0.91	208	< 70	< 2.5
QXC2PT08PS6	47103999	QXX2PT08PS6	47104021	1.6 - 8	115 - 1150	3/8" 	0.91	212	< 70	< 2.5
QXC2PT12PQ4	47103916	QXX2PT12PQ4	47103940	2.4 - 12	75 - 750	1/4" 	0.91	215	< 70	< 2.5
QXC2PT12PS4	47103924	QXX2PT12PS4	47103957	2.4 - 12	75 - 750	1/4" 	0.91	208	< 70	< 2.5
QXC2PT12PS6	47103932	QXX2PT12PS6	47103965	2.4 - 12	75 - 750	3/8" 	0.91	212	< 70	< 2.5

\* Charger and batteries sold separately.

(1) Tool weight without battery. Tool weight with 1.5 Ah battery: 1.36 kg. Tool weight with 3.0 Ah battery: 1.64 kg.

(2) As per EN60745.

(3) As per EN60745. Measurement uncertainty 1.5 m/s<sup>2</sup>



## Accessories

### BC1120-EU

(CPN: 17028960)

Universal battery charger



### BL2005

(CPN: 48386783)

Li-Ion battery, 20 V, 1.5 Ah



### BL2010

(CPN: 48386791)

Li-Ion battery, 20 V, 3.0 Ah



### VP1-A48

(CPN: 47107263)

Dead handle



### VP1-365

(CPN: 48382147)

Horizontal hanger



### VP1-BOOT (CPN: 48411292)

Protective tool boot  
in vinyl material



### IC-BIT-8 (CPN: 45637113)

Bit selector, 8 positions

### IC-19PIN-5M

(CPN: 80202922)

Cable for bit selector



### IC-SOCKET-4 (CPN: 45473006)

Socket selector, 4 positions

### IC-10PIN-6M

(CPN: 45473048)

Cable for socket selector



### 84737-COMM-KIT

(CPN: 48414460)

ICS Connect software  
+ USB cable



### BMDS-2 (CPN: 92842152)

Spring cable balancer  
1-2.5 kg capacity, stroke 2 m



### EXTT-12

(CPN: 45654068)

Torque tester, 1.2-12 Nm



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