



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

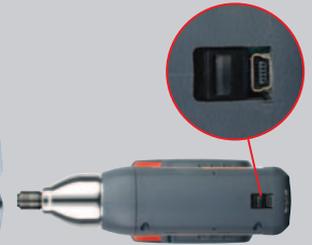
Lightweight, low-reaction and ergonomic design maximize operator comfort.

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)

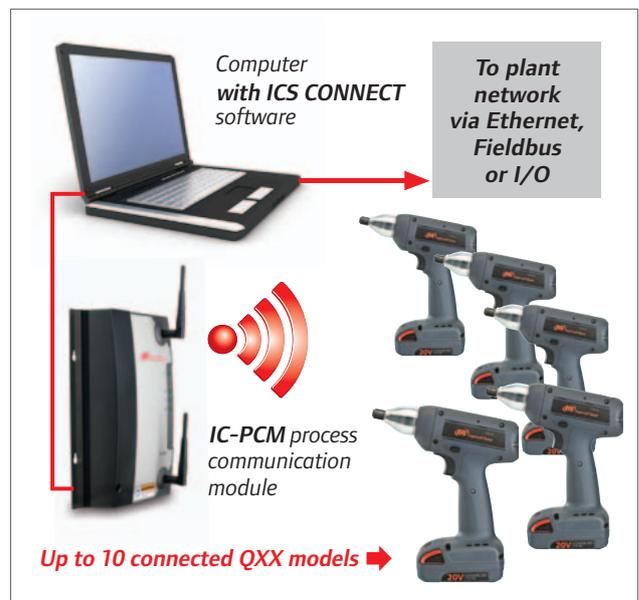
QXX models with IC-PCM communication module



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

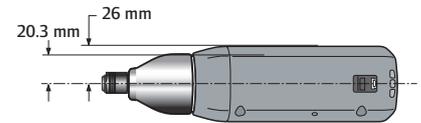
Tool* model no. USB only	CPN	Tool* model no. USB + wireless	CPN	Torque range Nm	Speed range rpm	Drive type	Tool weight (1) kg	Tool length mm	Sound pressure (2) dB(A)	Vibration level (3) m/s ²
20 V Precision Cordless Screwdrivers										
QXC2PT04PQ4	47104039	QXX2PT04PQ4	47104062	0.8 - 4	150 - 1500	1/4" 	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/s²



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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