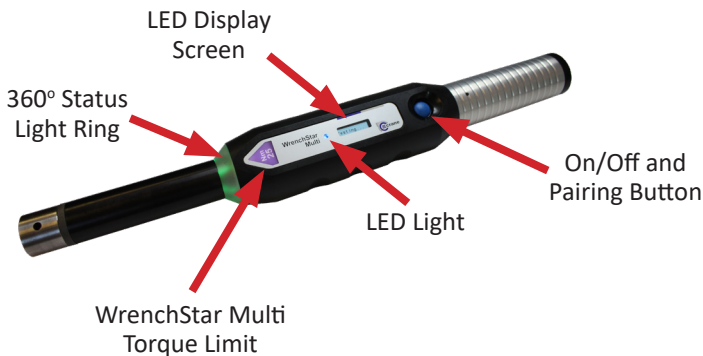


WrenchStar Multi - Pairing Guide

Getting started with your digital torque wrench.

Pairing with a TCI or TCI Multi Lineside Controller

WrenchStar Multi



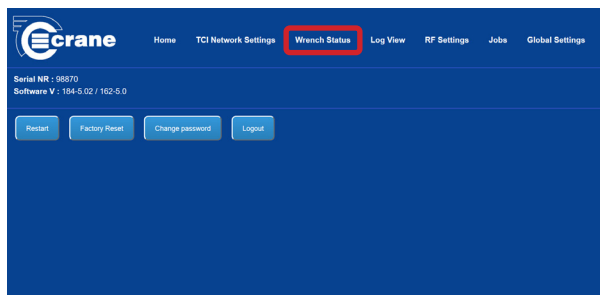
TCI



1 TCI Home Page

On the TCI/TCI Multi web page on your browser, click on the 'Wrench Status' tab on the main navigation menu at the top.

Please note. For more information about the initial setup of the TCI/TCI Multi on your PC, please refer to the TCI Quick Start Guide.



2 Select Wrench Number

Under the 'Get results from transducer' and 'Pair TCI with transducer' drop down menus, ensure the number selected relates to the number of the wrench that you are pairing to the TCI Multi. e.g. if this is the first wrench to be paired, select number 1, if it is the second wrench to be paired, select number 2 etc.



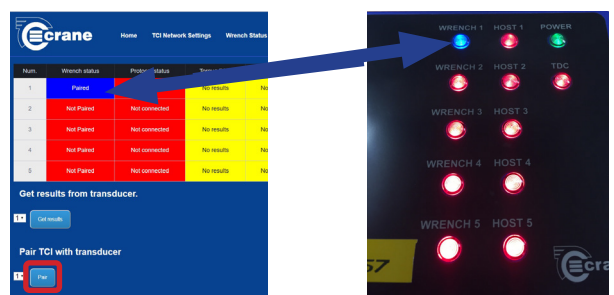
3 Pair Mode

Ensure the WrenchStar Multi is in 'pair' mode by pressing and holding down the blue 'pairing' button on the wrench until the LED light turns purple.



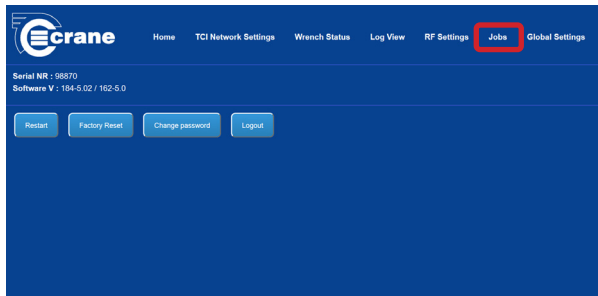
4 Pair TCI

Underneath the 'Pair TCI with transducer' drop down menu, click 'Pair' and the wrench should connect, which is confirmed by the LED light turning blue on the wrench and also on the corresponding wrench number on the front of the TCI/TCI Multi.



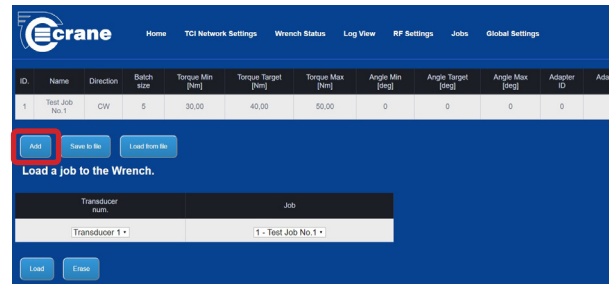
5 Entering Jobs

Click on the 'Jobs' tab on the main navigation menu across the top, then click 'Add'



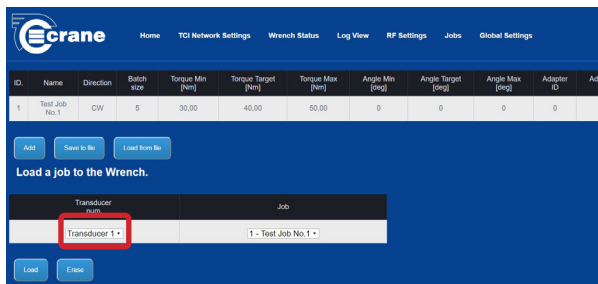
6 Entering Jobs cont.

Here you must enter the details for the job. The **ID number**, the **Batch size** and the **Torque Minimum, Target and Maximum** levels are required fields. Then click 'Submit'.



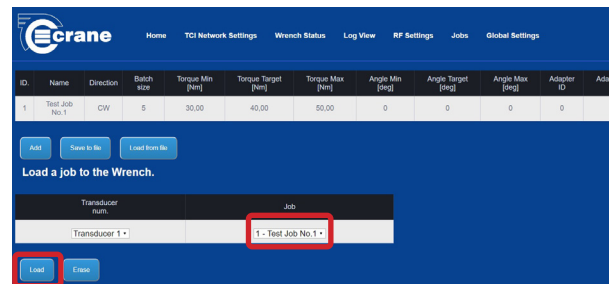
7 Loading Jobs to the Wrench

Click back onto the 'Jobs' tab in the top navigation menu. Ensure that the correct 'Transducer number' is selected from the drop down menu e.g. Transducer 1 for Wrench 1.



8 Loading Jobs to the Wrench cont.

Ensure that the correct 'Job' is selected from the drop down menu, and then click 'Load' to load this selected job onto the wrench.



9 Ready to Measure

The WrenchStar Multi is now ready to measure torque. Once the job is completed, the screen display on the WrenchStar Multi will read 'Wait'.



TCI & TCI Multi Line-side Controller

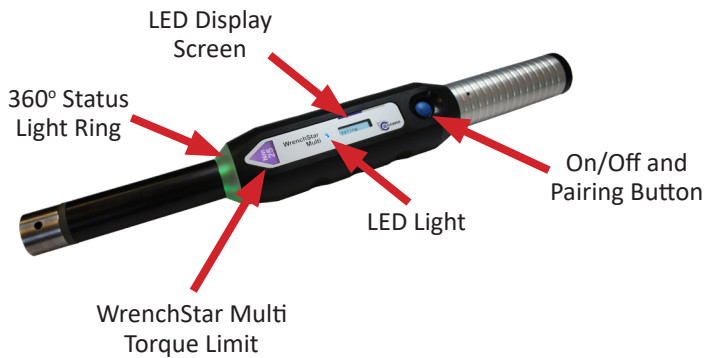
Our series of TCI (tool control interface) lineside controllers allow the user to connect up to five wrenches to be used in assembly production. The TCI also allow our torque wrenches to be used as part of operator guidance systems.

For more information about the TCI lineside controller series, please visit www.crane-electronics.com



Pairing with an IQVu Data Collector

WrenchStar Multi



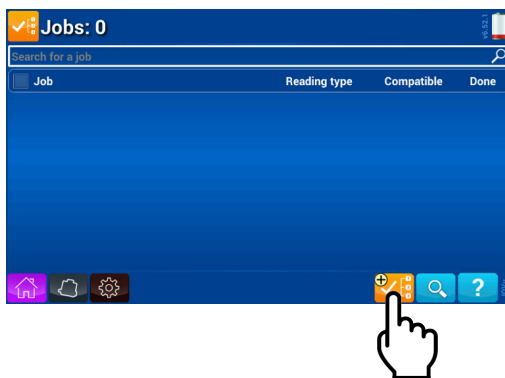
IQVu



1 Setup of Jobs on the IQVu

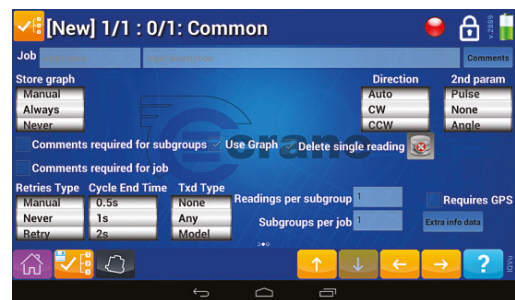
On the IQVu Home Screen, select the 'Jobs' icon. Then click the 'Add a Job' icon and swipe screen to the left.

Please note. For more information about the initial setup of the IQVu data collector, please refer to the IQVu Quick Start Guide.



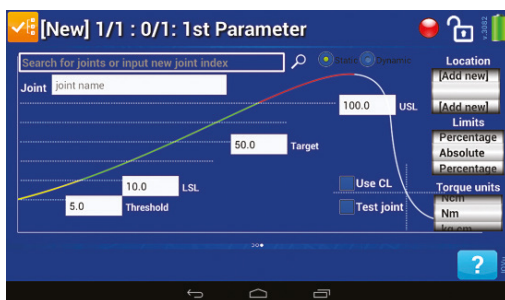
2 Setup of Jobs on the IQVu cont.

You will see this screen. Unlock the padlock by clicking it. Fill in the boxes at the top of the screen to add a Job name and Job description. (For the keypad to disappear press Done). Select the required settings (Store graph, Direction, 2nd param etc.) and lock the padlock. Click the 'Save' icon (at the bottom of IQVu screen).



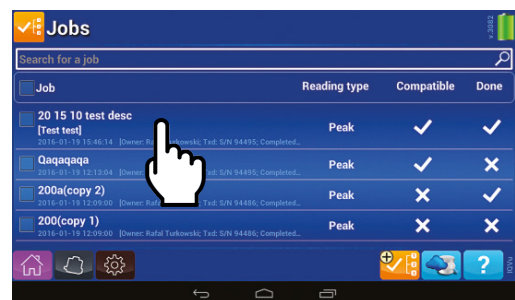
3 Setup of Jobs on the IQVu cont.

You will be taken to the following screen. Press unlock again and fill in the bar at the top (search for joints or input new joint index). Enter values into USL, Target, LSL and Threshold boxes relevant to your Wrench size. (For keypad to disappear press Next or the down arrow) Lock the padlock again and then click 'Save' to take you to the main 'Jobs' screen.



4 Select Job

On the 'Jobs' screen, select the job you previously entered by pressing it. You then need to pair your wrench to proceed the job.



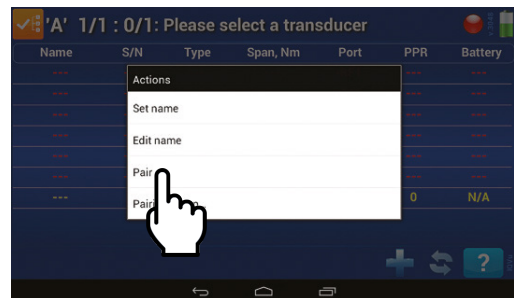
5 Pair Mode

Ensure the WrenchStar Multi is in 'pair' mode by pressing and holding down the blue 'pairing' button on the wrench until the LED light turns purple.



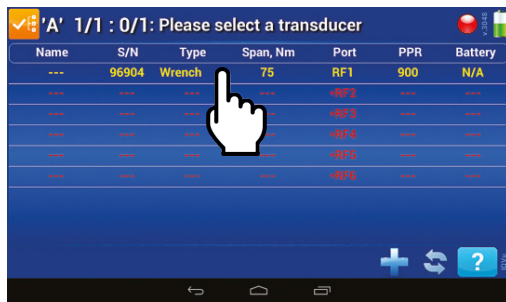
6 Pairing on the IQVu

On the IQVu, press and hold one of the rows e.g. row 'RF1'. An 'Actions' box will appear. Select the 'Pair' option. If pairing is successful, a row of information will appear in yellow on the select a transducer screen.



7 Pairing on the IQVu cont.

The WrenchStar Multi LED will change from purple to blue. Select the yellow highlighted row on the IQVu screen, it will then turn green and say 'connected' then it will take you straight to the job.



8 Connected Wrench

The sequence Green-Amber-Red on the WrenchStar Multi light ring will confirm an OK connection and the LED display on the Wrench will show how many 'Jobs' are ready to go.



9 Ready to Measure

The WrenchStar Multi is now ready to measure torque. Once the job is completed, the screen display on the WrenchStar Multi will read 'Wait'.



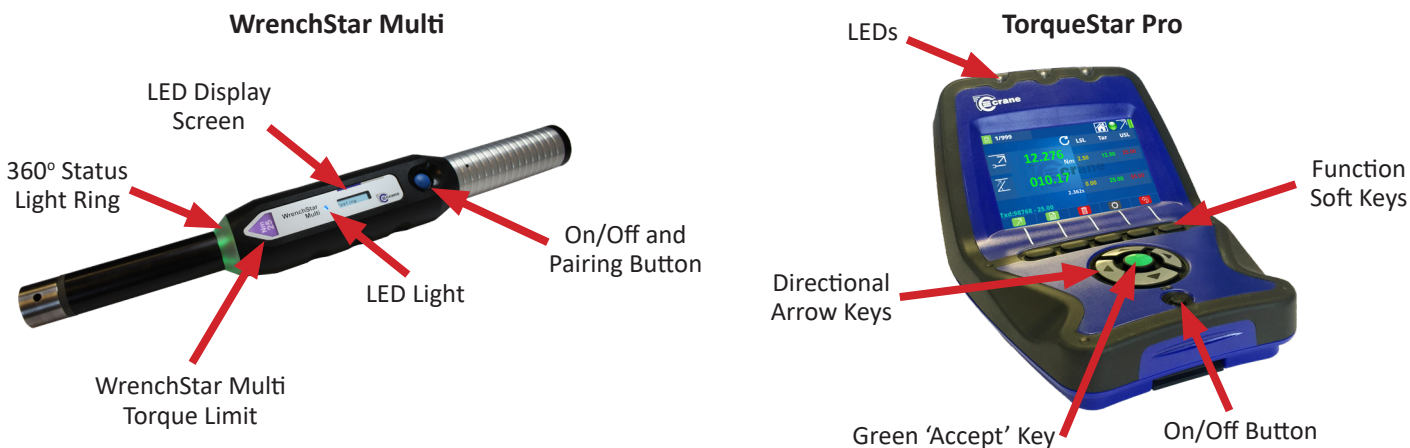
IQVu Torque Data Collector

The IQVu provides the ideal solution for the measurement and collection of torque, angle and pulse data in the manufacturing and quality environments and offers complete traceability and auditing capabilities.

For more information about the IQVu range, please visit www.crane-electronics.com.

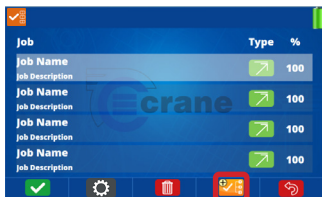


Pairing with a TorqueStar Pro Data Collector



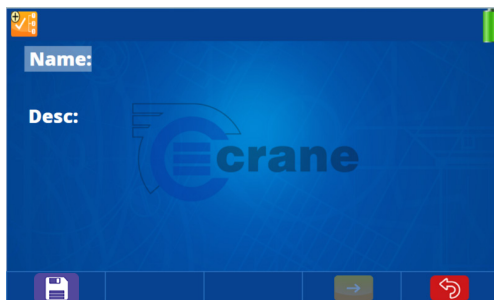
1 Setup of Jobs on the TorqueStar Pro

On the TorqueStar Pro Home Screen, select the 'Jobs' icon using the directional arrows and the green 'accept' key. Then, using the relevant function soft key, select the 'Add a Job' icon.



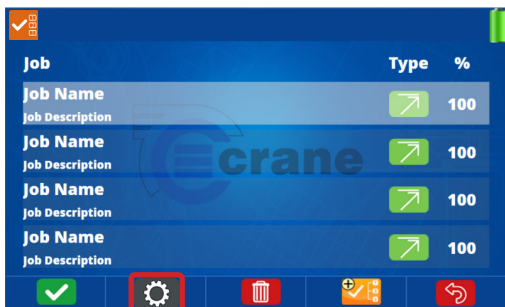
2 Setup of Jobs cont.

On the first screen you are required to add a job name and a job description. Use directional arrows and the green 'accept' key to select the relevant box and use the keypad to input text with the on screen keyboard. When completed, press the 'Save' function key.



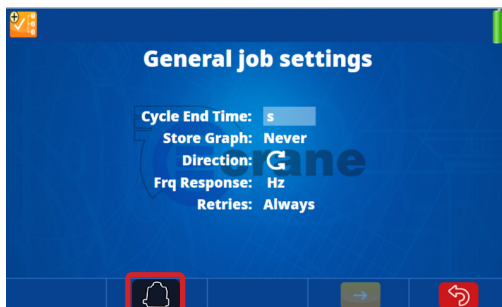
3 Select Job Settings

When the saved job is highlighted on screen (using the directional arrow keys), press the 'Settings' function soft key to access the job settings.



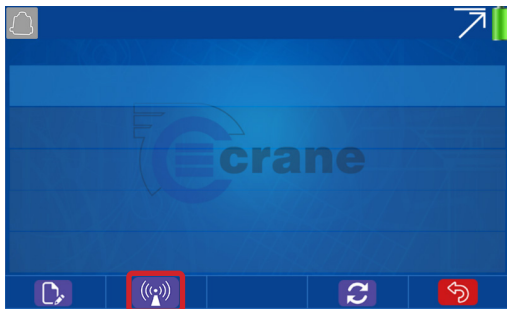
4 Select 'Transducer'

On the 'Jobs Settings' screen, press the 'Transducer' function soft key to access the transducer pairing screen.



5 Select RF Settings

On the 'Transducer' screen, select the RF settings icon using the function soft key. The TorqueStar Pro is now ready to pair with your WrenchStar Multi.



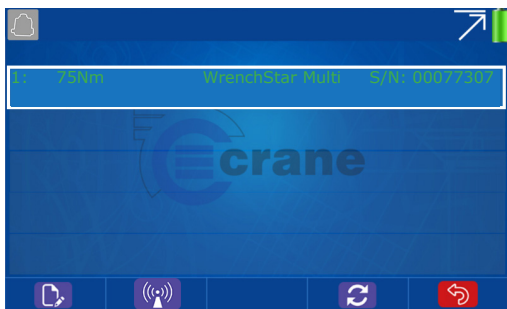
6 Pair Mode

Ensure the WrenchStar Multi is in 'pair' mode by pressing and holding down the blue 'pairing' button on the wrench until the LED light turns purple.



7 Select the Wrench

The WrenchStar Multi information will now appear on screen and the WrenchStar Multi's LED light will turn blue. Select the wrench using the green 'accept' key.



8 Ready to Measure

The WrenchStar Multi is now ready to measure torque. Once the job is completed, the screen display on the WrenchStar Multi will read 'Wait'.



TorqueStar Pro Torque Data Collector

The TorqueStar Pro is the most complete and fully equipped torque indicator and data collector in the new TorqueStar range. The TorqueStar Pro has advanced measurement modes, graphical analysis, statistics and RF connection capabilities.

For more information about the IQVu range, please visit www.crane-electronics.com.



WrenchStar Multi Operators Manual

For more in-depth information about the WrenchStar Multi digital torque wrench, why not download the complete Operators Manual online on our website. The manual contains more information about the WrenchStar Multi including features and technical specifications, detailed product settings and easy to follow guidance for efficient operation.

Visit www.crane-electronics.com/info/downloads or scan the following QR code for direct access to the Operators Manual.

For enquiries about the WrenchStar Multi and our complete product range call us on **+44 (0) 1455 25 14 88** or email us at sales@crane-electronics.com.

