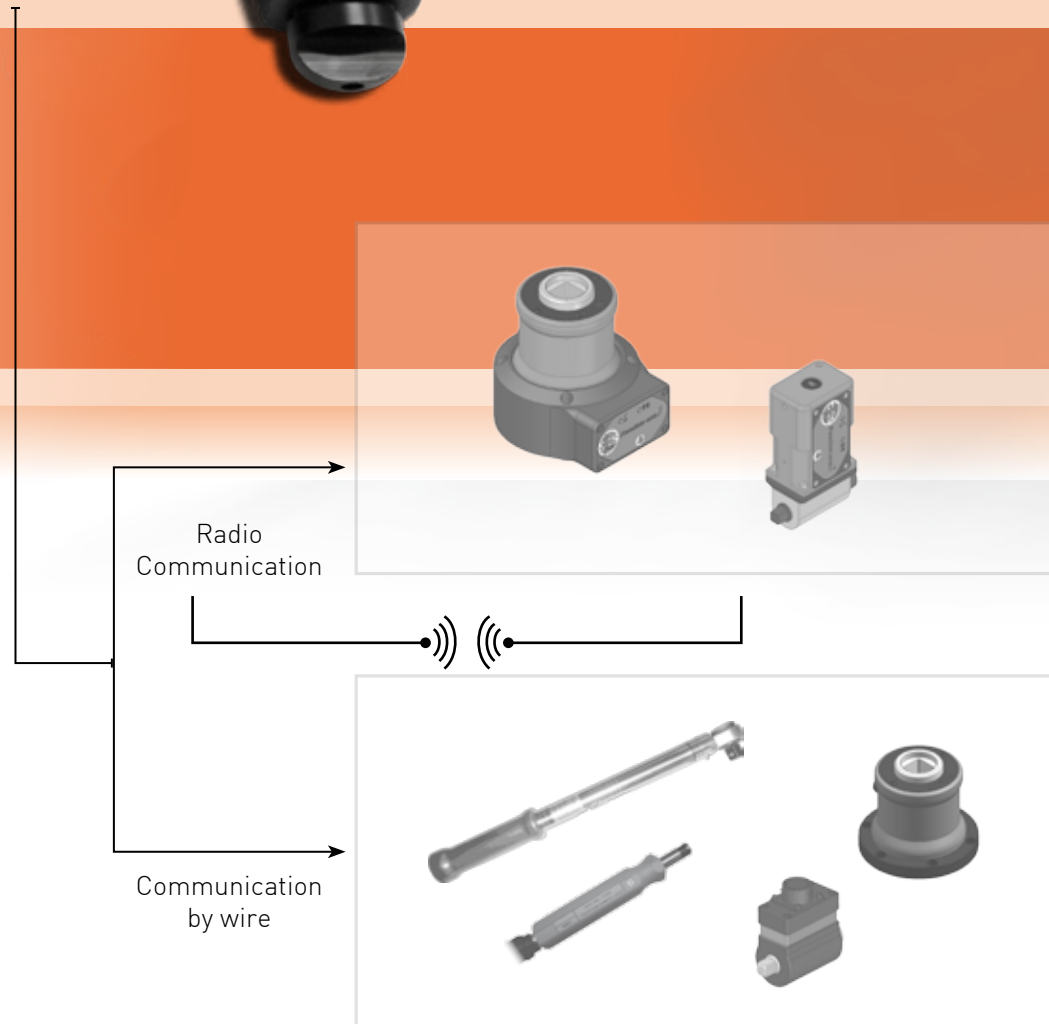




Advanced Tightening Solutions for Quality Control & Production

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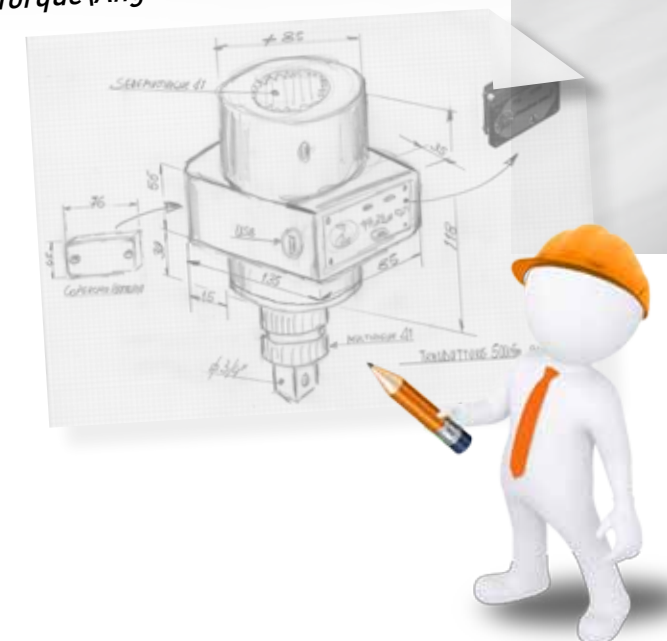
High Torque

Hi Torque Transducer Design and Test Bench for Hydraulic Wrench

Torque\Angle Transducer Design



Test bench for Hydraulic wrenches



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Your local distributor

Research & Develop

SCS offers a wide range of instruments and solutions for high torque test

SCS designs Torque and Torque\Angle Transducers for valve industries of petroleum



Torque and Torque\Angle transducers

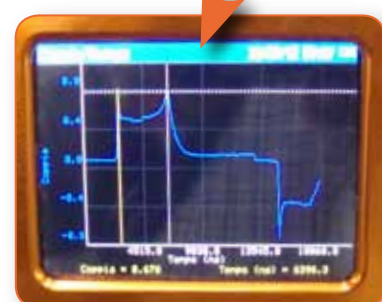
On the next figure it's shown an SCS transducer used to determinate the minimum torque to open and close the valve.
DataTouch³ is connected to the transducer and displays the max torque and the rotation of the stem (angle).

Note: SCS designs transducers for subsea application, please contact our local distributor for more information.



Torque\Time and Torque\Angle curves

DataTouch³ allows to analyze the Torque\Time and Torque\Angle curves in the phases of opening and closing of valves. Thanks to SCS F3 Lab explorer software is possible to send curves and results to a pc.



High Torque

Thanks to SCS test bench is possible to measure the torque output of hydraulic wrenches



Test bench for Hydraulic wrenches

Test bench for hydraulic wrenches allows to install on board a wide range of torque transducers in order to test low and high torque level. Also, it is possible to connect external-wireless transducers (Bluetooth), in case is not possible to execute test directly on the test bench.

DataPro software allows to store Torque\Time and Torque\Angle curves and every single test results.



DataTouch³



Bluetooth Transducers