

PROTORQUE

COMPUTER ANALYZED TORQUE MONITORING (CATM) – POWER TONGS

With a variety of issues that could occur while making up an array of different connections on the market, at ProTorque it is our belief that all tubular connections should use computer analysis. CATM delivers a graphical representation that allows us to interpret and prevent damaged or incorrectly made up connections from entering the wellbore. It helps to ensure peak performance and proper isolation for your packer systems. This isolation reduces and helps to eliminate leaks during the fracturing (FRAC) process, in turn mitigating environmental and unforeseen production risks.

- INTRINSIC CASE AND TOUCH SCREEN CONTROLS

TOTAL RIG SOLUTIONS™



CANADA
780.933.0404

UNITED STATES
713.300.5216

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FIELD ACCOUNTABILITY

- Connection related issues are stopped immediately, mitigating the risk of further connection damage
- Detailed graphical reports are generated highlighting each connection, statistical analysis and summary reports
- Reduces damage due to RPM, over-torque, over-rotation and alignment issues
- Recording and reporting torque, turns, RPM and applicable shoulder data for semi-premium and premium connections

FEATURES:

Automatic system review of torque vs turns & time, delta torque and delta turns

Automatic shoulder selection and zoom review for accurately confirming shoulder point before connection approval

Data overlay to ensure consistency of the "last 10" joint review

Sensory control to ensure that the computer analytics can sample and review data correctly even during challenging runs, conditions and connections

Real-time hydraulic dump control to protect the integrity of the connection

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