

weCATT™

PRECISE WIRELESS DATA ACQUISITION

weCATT™
WIRELESS TORQUE TURN SUB



The weCATT™ wireless torque turn sub is a tool that monitors casing connection makeup from the top drive, recording torque, turns and hook load.

COMPETITIVE ADVANTAGES

- Longer battery life
- Higher dynamic sampling rate
- Ability to record turns without an external encoder assembly
- Wireless data acquisition of torque turns and hook load
- Minimal rig in time

SPECIFICATIONS

- Torque Capacity: -50,000 to +50,000 ft. lbs. (based on thread type)
- Hoist Capacity: 200,000 lbs. to 1,000,000 lbs. tension with a 2.25 safety factor (based on thread type)
- Sampling Rate: Dynamic, up to 480 samples/second
- Torque/Hook Load Accuracy: 1% of full scale
- Turns Resolution: 0.001 turns
- Temperature Range: -40°C to 70°C (158°F)
- Battery Life: 30 days of continuous use
- Transmission: 2.4 GHz approved US, Canada and Europe
- Transmission Type: Line of sight
- Enclosure Rating: Type 4X and IP 66
- Hazardous Area Classification: Class 1, Division 1, Zone 1, Group IIB, T4
- Protection Type: EX Flame proof enclosure (d)
- Certification: CSA/UL/ATEX/IECEX
- Torque Sub: Designed to API 8C specifications
- Threads: Manufactured to API 7 specifications
- Weight: Approximately 350 lbs.
- Length: Standard shoulder to shoulder 21.62" (18.63" is the minimum shoulder to shoulder length if there is zero re-cut allowance.)