

## Direct Torque Measurement

Maximize the accuracy of your iron roughnecks or make-break tools and remove guesswork by directly measuring the make-up torque being delivered to your connections.



### Direct Connection to your TCS

Connects to the AllTorque TCS you already know and love.



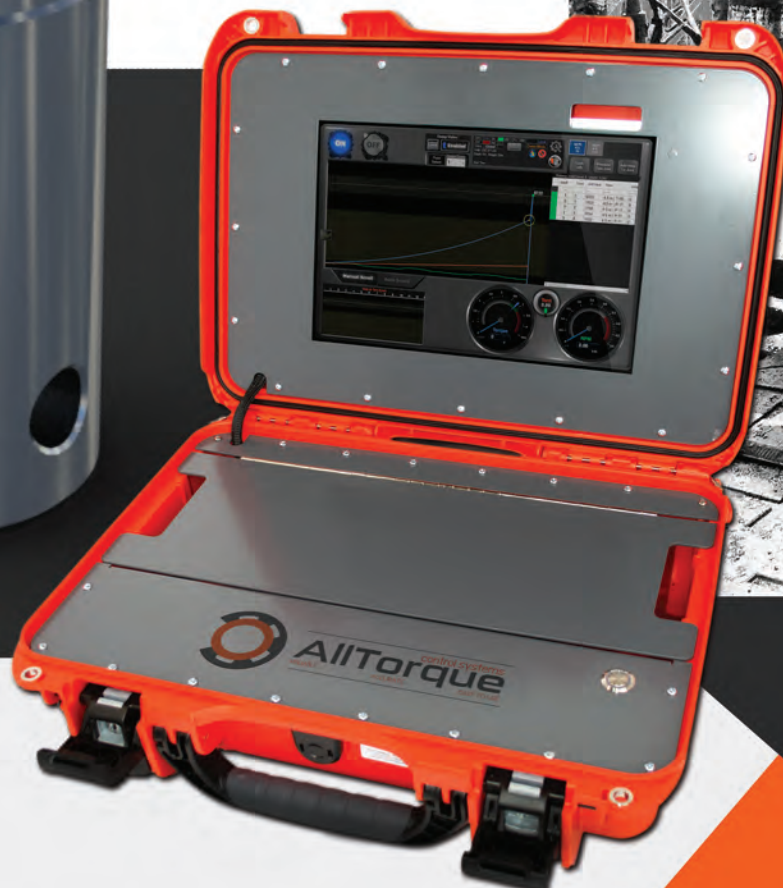
### Mission Critical Calibrations

Operate with maximum accuracy.



### Reduce Damage to Drill Pipe

Mitigate over-torque with fully calibrated equipment.



## Critical Calibration

Correct makeup of up drilling connections is critical to extending the life-span of a drill string and mitigates costly “twist off” or “back off” occurrences while drilling. The complexity of hydraulically powered tong or makeup equipment which relies on pressure gauges is not accurate indefinitely and requires regular calibration to maintain reliability.

### Torque Bar Dimensions

O.D. Size [inches]	2-7/8	4	5 1/2	6 5/8	8 5/8
Torque [ft. Lbs.]	9,000	15,000	50,000	80,000	120,000

