

Electrical Torque Tool

ISO 13628-8 Class 1 - 4

The eTorque tool is ultra compact and offers high accuracy torque and turn measurement. It includes a built-in, fail-safe latching system that ensures safety in the event of a power loss. The tool provides an easily maintainable solution with fewer exposed parts during operation.



FEATURES

Fully electric design

Fin and body latch

Full torque control

Electrical Torque Tool

Class 1-4

The fully-electric ISO 13628-8 compatible torque tool enables topside control and monitoring of all functions and mitigates the risk of an environmental incident caused by leaked hydraulic fluid used to operated traditional torque tools. The ROV-operated tool suits a large torque range and includes a built-in torque transducer. The design includes subsea interchangeable end effectors offering optimized usage and eliminating numerous trips to the surface for change outs.

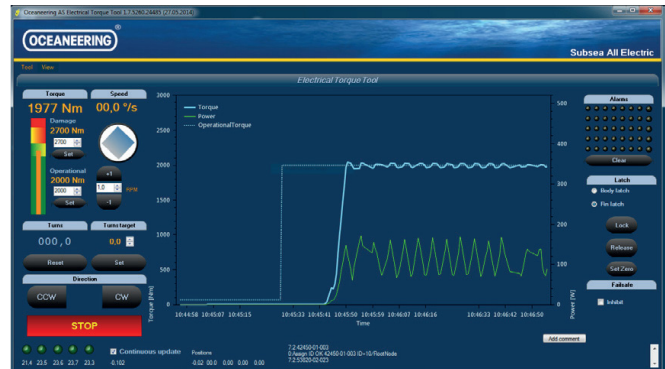


Features

- » ISO 13628-8 Class 1-4 compatible
- » Full control from 67 Nm to 2,700 Nm with internal torque transducer
- » Fin latch and Body latch
- » Low power requirement
- » Subsea interchangeable end effectors



Control computer w/ power supply for testing and operating tool directly - provided in transport case.



Topside application operate, logs and displays operational history.

Technical data

Torque range	67 Nm to 2,700 Nm
Max water depth	10,000 fsw / 3,000 msw
Dimensions (L x H x W)	25.1 x 10.2 x 12.9 in (excluding handle) 63.6 x 25.9 x 32.8 cm (excluding handle) Height with handle is 14.9 in / 37.8 cm
Weight in air	141 lb / 64 kg
Weight in water	94.8 lb / 43 kg
Interfaces	Mechanical: ISO 13628-8 Class 1-4 Electrical Power: 110 V 5A Connector: Burton 1508
Communication	RS485/RS232 links to topside control computer

Topside control	Computer accommodates testing and operates tool while logging and displaying operational history
Handling	ROV operated, Tool elevator and Flying Lead Orientation Tool (FLOT)
Electrical performance specifications	Voltage: 110 VAC +/- 10% Power (standby): < 50W Power (peak): 550W
Communication	Oceanering protocol
Sensors	Position, torque, and internal temperature