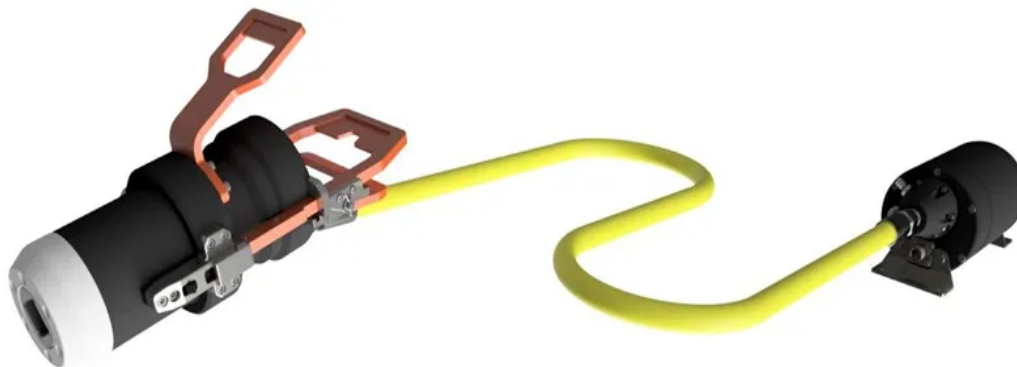


ELECTRICAL TORQUE TOOL

ROV INTERVENTION
CLASS 1-4 (API 17D)
HIGH PRECISION



Description

The Electrical Torque Tool is a module based, compact, flexible and robust precision tool for operation and use in all subsea and ROV applications.

The system combines all known advantages from a hydraulic torque tool system with the technology and advantages available from a modern based electrical controlled drive system.

Interface sockets are replaced on both deck and subsea (optional) to interface ISO class 1-4 interfaces. The different sockets will automatically interface the gear system to utilize the optimal gear ratio and power/speed capacity. The control system automatically switches between low torque and high torque mode.

Features Torque Tool

- Compact and low weight tool
- Min torque output 20 Nm
- Max torque output 2711 Nm
- Subsea socket changeout jig (optional)
- Low voltage 5A 110 VAC circuit
- Ixys Suite Control System
- Low torque at 350 Nm and 30 RPM
- High torque at 2711 Nm and 6 RPM
- Mechanical latching wings
- Mechanical turn indicator (backup)

Features Control System

- Ixys Suite modular Control System™
- Automatically as found / as left still pictures
- Supports IP camera connection
- Torque and turns recording chart
- Gearbox Class 5/6/7
- *Cloud based Valve Management System™

*in development

SPECIFICATIONS

ELECTRICAL TORQUE TOOL

General Technical Specifications

Type	Electrical Torque Tool
Part Number	ETT
Dimensions Pod Canister	Ø185 mm L= 325 mm
Dimensions ETT Tool	Ø190 mm L= 367 mm
ETT Pod Canister	~13 kg / ~5 kg
ETT Tool Weight in air / submerged	~34 kg / ~26 kg

Specifications

Max Output Torque	2711 Nm
Max Speed	30 RPM

Electrical Interface

Power	2 kW (to achieve 2700 Nm @ 6 RPM 2 kW is required)
Input	110-230 VAC 50/60 Hz or 160-320 VDC +10/-15%
Communication	RS 232 Standard (RS485 and Ethernet upon request)

Interface Description

Burton Connector 5507 2008 8-pin connector	
1	110/230VAC / 160/320 VDC
2	110-230VAC / 0 VDC
3	Chassis
4	N.C
5	RX RS 232
6	TX RS 232
7	N.C
8	Com./GND

General Features

Depth Rating	MSW 3000
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