

Torque Limiter Tool

API 17D, ISO 13628-8 Class 1-4



The Manual torque tool or Torque limiter is designed to allow the ROV manipulator operation of API class 1-4 rotary torque interfaces. The tool limits the torque that can be transmitted from the ROV manipulator to the valve stem during an ROV intervention operation, mitigating against the possibility of over-torqueing and damaging the valve or valve stem. The tool is fitted with an integral, adjustable torque limiting clutch which can be pre-set to any torque from 20 – 200Nm. The nose of the tool features a “smart” multi-socket interface which eliminates tool reconfiguration time on deck.

Key Features

- Torque range from 20 to 200 Nm
- Adjustable maximum output torque
- Mechanically operated by ROV
- Supplied with torque wrench to allow accurate torque settings
- No need to dismantle tool for torque adjustment
- Low weight
- “Smart” multi socket

Specifications

Torque range	20 – 200Nm
Weight in air/submerged	~14/~12 kg
Depth rating	Any water depth