

- EQUIPMENT DATASHEET -

MANUAL LOW TORQUE TOOL, SMART SOCKET

(API 17D , ISO 13628-8 CLASS 1-4)

Overview:

The Manual Torque Tool is designed to allow the ROV manipulator operation of API 17D, ISO 13628-8 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 excessive torque being applied, ensuring damage to the valve does not occur. The tool is fitted with an integral, adjustable torque limiting clutch which can be pre-set for torque ranges of 20 - 200 Nm. The front of the tool features a "smart" multi-socket interface which eliminates tool reconfiguration time on deck.



Key Points:

- Adjustable maximum torque setting from 20 to 200 Nm.
- Tool supplied with a calibrated torque wrench to allow accurate torque setting adjustment and pre-dive verification.
- Simple torque setting adjustment without the requirement to dismantle the tool.
- Lightweight construction and minimized tool length allow for easy ROV operation.
- Self-adjusting drive socket allows operations to be conducted on different valve classes without requiring to be reconfigured on deck.
- Standard tool fitted with fishtail style ROV handle (other handle types available).
- Fitted with torque resistant compliant mount.
- Plastic guidance nose for easy location into bucket.
- Can be used at any water depth
- Approx weight in air – 14 kg
- Approx weight in water – 12 kg
- Supplied in a foam lined transit case.

Contact us for more information, cost and delivery time.