

## - 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 over-torquing 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 - 200 Nm. The nose 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 and pre-dive verification.
- Simple torque setting adjustment without the requirement to dismantle the tool.
- Lightweight construction and optimised tool length allow for easy ROV operation.
- Self-adjusting drive socket allows operations to be conducted on differing valve classes without requiring to be reconfigured on deck.
- Any ROV style handle can be supplied (fishtail handle shown).
- Fitted with torque resistant compliant mount.
- Plastic guidance nose for easy location into valve receptacle.
- Suitable for use 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.**