

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Valve Testing Kit – API Class 3 & 4		
Date created	13 October 2010	Project Number	Q1722

INTRODUCTION & APPLICATION

Valve manufacture and refurbishment industry requirement to apply and monitor torque with relation to turns of valve actuators with class 3 & 4 receptacles.

SOLUTION

Valve testing kit – API class 3 & 4 comprising: -

- Pneutorque PT5 remote # 16015.X
- 3,000 N.m annular torque transducer with turns counter # 50747.LOG & transducer lead
- TTT instrument based tool controller housed in a Peli-case # 60272 (see data sheet Q1585)
- Lubro control unit, solenoid valve, connecting pipe-work and hoses
- API class 3 & 4 torque reaction nose with interchangeable class 3 & 4 output drives



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

The kit will apply and monitor torque with relation to turns of valve actuators.
The tool is stopped via solenoid valve after a preset number of turns or preset torque has been reached.
Data-out for both torque and turns can be captured via RS232C port.
Turns count resolution to 0.1 turns accuracy i.e. 36°.
Maximum torque 3,000 N.m; governed by transducer rating.
Workshop based testing application i.e. not harsh environment.
Optional Peli-case with inserts to house complete valve testing kit ref. # Q1967.01.