

# ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Transducer Calibration Transfer Rig		
Date created	3 February 2012	Project Number	Q2180

## INTRODUCTION & APPLICATION

Transducer calibration rig is required for a range of static and annular transducers up to 50,000 N.m

## SOLUTION

Calibration transfer rig that applies a controllable torque through the test transducer and uses a master transducer for comparative calibration.



## TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

Electric motor and worm gearbox drive with joystick type control.  
Designed for use with 50,000 or 100,000 N.m specially calibrated master annular transducer.  
For use with a suitable instrument such as Norbar TTT or T-Box.  
Adaptors for static and annular transducers in the range 2,500 to 50,000 N.m comprising: -

Static transducers: -

- 1 ½" Male x 1 ½" Male square drive
- 1 ½" Male x 1 ½" Female square drive
- 2 ½" Male x 2 ½" Male square drive
- 2 ½" Male x 2 ½" Female square drive
- 3 ½" Male x 3 ½" Male sq. drive (40,000 N.m)

Annular transducers: -

- No 7 with 1 ½" square drive
- No 9 with 1 ½" square drive
- No 11 with 2 ½" square drive
- No 12 with 2 ½" square drive
- No 13 with 2 ½" square drive