

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	47,000 N.m Torque & angle valve testing kit		
Date created	23 October 2013	Project Number	Q2780

INTRODUCTION & APPLICATION

Oil and gas industry ball valve manufacturer requires torque testing equipment for 13,550 – 47,000 N.m range, with high resolution absolute angle data capture / storage, and continuous valve open / closed cycle testing function.

SOLUTION

PT 13 based 47,000 N.m valve testing kit with remote control operation.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

PT 13 - 47,000 N.m tool with remote motor, less standard torque reaction.
50,000 N.m annular transducer with high resolution absolute angle encoder (0.45° / 0.113° with T-Box).
PT13 / transducer dowelled together and dowels fitted to reaction mounting for cycle testing integrity.
T-Box instrument based tool shut-off controller with solenoid operated valves & cycle testing / count facility.
Hand pendant, leads, pneumatic equipment & hoses for 10 metre remote operation.
Please see separate data sheet Q2780.03.LOG for more details of the transducer / angle encoder.