

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Portable TTT based Torque and Turns Monitoring		
Date created	2 February 2010	Project Number	Q1585

INTRODUCTION & APPLICATION

Oil and gas industry requirement for a portable system to monitor torque with relation to turns on valve actuators and to capture and record the data.

SOLUTION

Portable robust control case with integrated 'TTT' instrument and PLC.
Supplied with all necessary cables.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

The controller is used in conjunction with a Pneutorque tool fitted with an annular transducer and sensors to count turns in 36° increments, clockwise or counter clockwise.

All signals from the annular transducer and sensors are passed to the Torque display, turns display and PLC. Data output for both torque and turns are provided. Signals to control solenoids may be used if required, to stop the tool after a preset number of turns have been reached or a preset torque has been reached. If using a twin port motor the tool may be cycled to a pre-set number of cycles in either torque or turns.

Dimensions 500 x 400 x 190mm

Weight 5 Kg

Power supply required 100 - 240 Volts +/- 10% 50 / 60 Hz

Environment – Indoor / Outdoor / Offshore. Carry case IP67 rated.