

ENGINEER TO ORDER

SPECIAL PROJECT INFORMATION SHEET



Project Description	Torque & Angle Tool Shut-off Controller		
Date created	30 July 2010	Project Number	Q1922

INTRODUCTION & APPLICATION

Requirement for a tool controller with torque and angle control / monitoring that can be easily transported.

SOLUTION

Portable robust control case incorporating a T-Box instrument and having 2 selectable operating modes: -

- Torque control and angle monitor. The tool will be shut off at the selected final torque and from selected initial 'snug' torque to tool stop the angle will be monitored. Tolerance parameters can be set for 'cycle OK'.
- Torque and angle control. Selected initial 'snug' torque is applied and then rotation angle is counted to determine stop position.



TECHNICAL SPECIFICATION / DATA HIGHLIGHTS

Direct connection to PT 72 and PT remote (.X) – forward and reverse shut-off tools with or without angle encoder kit. A solenoid valve part # 28706 is required for the controller to shut off the tool.

Note - PTM tools with angle encoder kit are under development, please enquire for PTM applications.

TDMS (Torque Data Management System) software is included for graphical display of data / statistics and archiving on PC.

USB bar code compatibility on T-Box allows part identification code to be logged against data.