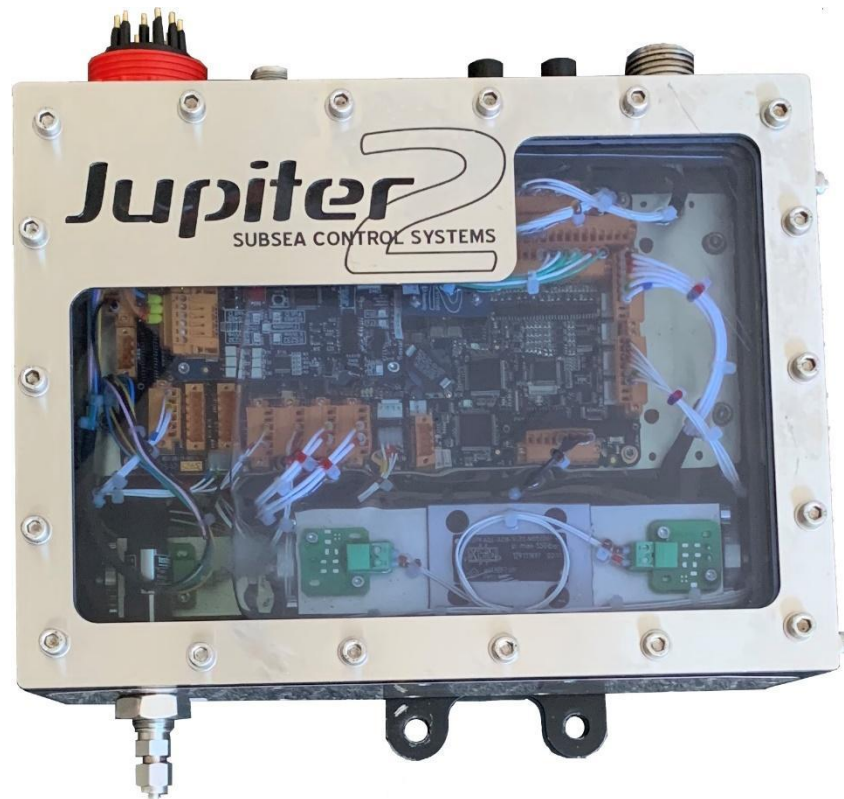


Jupiter 2

Torque Tool Control Systems



The Jupiter Torque Tool Control System offers an accurate and repeatable solution to client requirements for the control of Torque Tools in high integrity applications.

Key Features

1 x NG6 Pressure & Flow Control
Proportional Valve drives use stable 12 bit Constant Current Drive
Pressure Control Valve has 250 Bar transducer to monitor tool pressure
4 x NG3 Bi-directional solenoid valves with externally adjustable fully shrouded meter and throttles

Main Body

Size	245 x 325 x 187mm
Depth	3000msw
Weight	28.8kg in air / 16.8kg in seawater

Valve Functions

Bi-Directional Proportional Solenoid	1 x Combined Proportional Pressure & Flow Function 0-240 Bar, 0-32 lpm (Typically for Torque Tool Control) Output Pressure Transducer on each function (internally mounted)
Bi-Directional Solenoid	4 x Bi-directional Solenoid Valves functions each with externally mounted manual pressure and flow adjustment valves

Ext. Press Transducers

1 x 700 Bar Pressure Transducer

Supply

Voltage	115Volts
Current	2 Amps
Power	240 Watts

Electrical Functions

Power, Data, & Video	115VAC Supply RS232/RS485 Data Link with galvanic isolation to 1500VDC 2 x External Water Detectors
Torque Tool #1	Torque: Strain Gauge 0.375mV/V sensitivity (12 bit measurement resolution) Turns Count: Discrete Digital Inputs with hysteresis suitable for interfacing to most types of torque tool
Sensor Inputs	4 x Sensor Input configurable as either: Discrete Digital Inputs with user defined threshold voltage Analogue Inputs suitable for 4-+20mA or 0-10V sensors
High Flow Valve Pack	Provision for connection to Zetechitics HFVP 1 x Combined Proportional Pressure and Flow Function 1 x Water Detector

Diagnostics

Water Detect	1 x Internal Water Detector (2 x Sense Points)
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