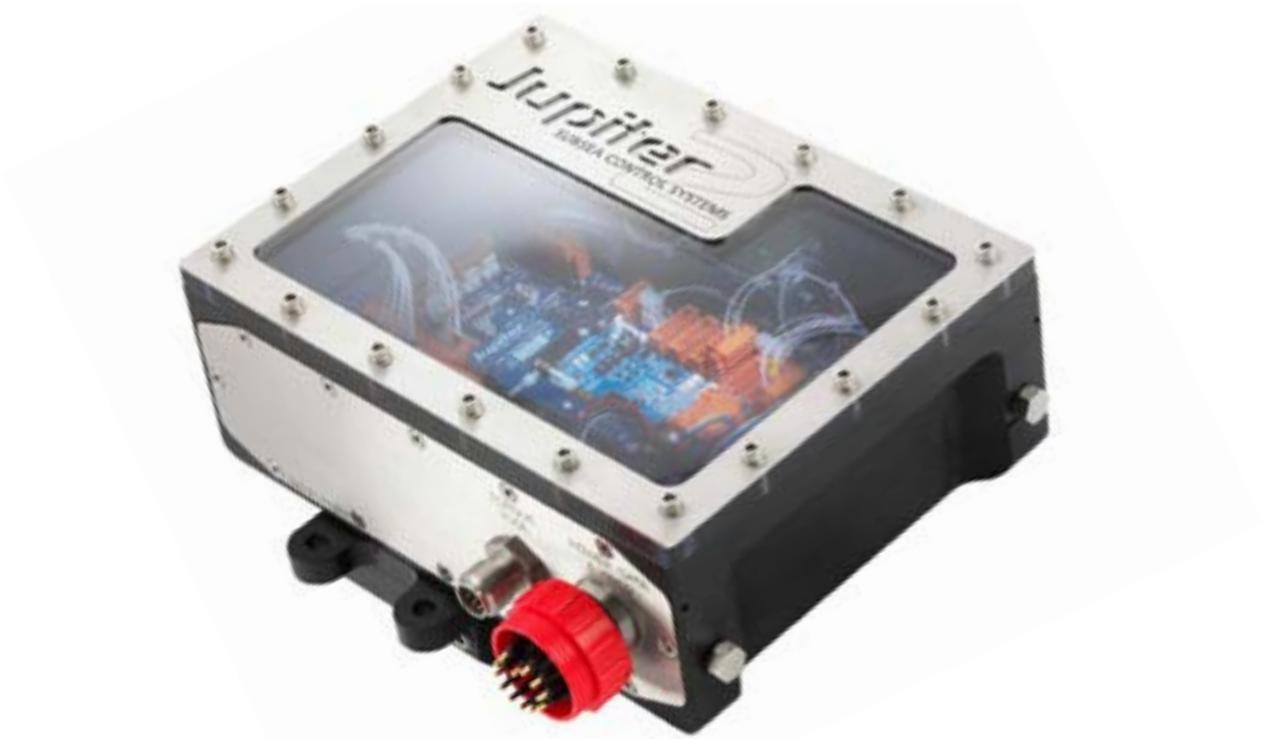


Jupiter 2 Torque Tool Control System 4



The Jupiter2 Torque Tool Control System offers an accurate & repeatable solution to client requirements for the control of Torque Tools in high integrity applications. The system consists of a single valve pack with a fully integrated proportional control system. The compact & low cost unit is suitable for use with hydraulic Torque Tools operated from any work class ROV.

The control system is supplied with all the parts required to operate from a standard PC or laptop using the powerful Jupiter GUI software which allows total user control over the operation of the Jupiter system. The user only requires power (AC or DC) & communication (RS232, RS485 or Ethernet).

Specifications

Product	Jupiter 2 Torque Tool Control System
Country of origin	UK
Manufacturer	Zetechnics Ltd

The system includes options for a Data-logger and features automatic calibration of the Torque Tools & sensors, user customisable setup and comprehensive diagnostics.

Jupiter2 Torque Tool Control Systems also have an optional Impact Drive mode. Fully configurable pressure, speed, and duration settings allow users to apply controllable impact torque; typically used to free a stuck valve stem. When 'Impact Drive' is used in conjunction with the pre-set turns function a unique solution can be configured to safely apply impact torque in a controllable and repeatable way.

Specifications

Maximum working depth	4000m standard 6000m optional
Weight	30.5kg
Dimensions	245L x 325W x 195H

Features & Benefits

- Proven Jupiter performance pre-programmed to operate tooling immediately on deployment)
- Closed-Box' configuration, no internal access required for links, fuses, datalink settings, etc.
- Field proven & supported worldwide
- Fully secure smart calibration & setup
- Powerful user accessible software tools user retains control over all aspects of software functionality & GUI Design
- Surface Software runs on PC or laptop
- Compact, Light Weight & Low Cost
- Calibration, user interface & operation held in secure set-up file which can be quickly changed for multiple tasks or tools
- Configurable continuous & impact drive function
- Proportional pressure & flow control 0-210 bar, 0-24 lpm, Torque & speed calibrated 250 bar tool pressure transducer as standard.
- 4 x Bi-Directional solenoid valves (15 lpm) adjustable pressure & flow on each valve
- Real time torque teedback and tool turns as standard 4 x analogue sensor inputs option. 8 x digital / analogue sensor inputs option. 2 x differential pressure transducers (option). all inputs user configurable.
- Strain Gauge Interfaces accurate to 0.5%, designed to handle large strain gauge offsets .
- Power -115v AC 50/60 Hz or 24v Raw DC data – isolated RS485/232, 18 updates/secl
- RS232/485, Half/Full duplex switching via IR remote, auto baud rate detection.