



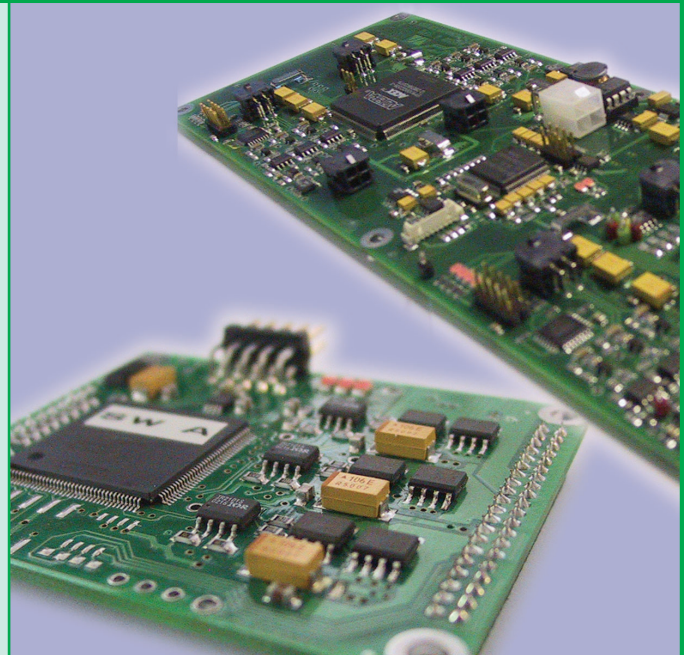
Thruster Controllers

Benefits

- Sensorless control
- Highly integrated
- Flexible user interfaces
- Can run immersed in oil
- Single and multi-channel

Performance

- 300W per channel/1000W per board
- 12 – 36V supplies
- Servo-controlled or open-loop
- Simple serial or direct digital interfaces



These **Thruster Controllers** use advanced gate array technology to implement sophisticated sensorless control of any electrically compatible thruster. Sensorless control means no need for hall effect or other shaft position sensors, with a great improvement in reliability – fewer parts, one less cable and connector to leak.

TSL Technology's algorithms ensure reliable servo control, fast reversing, transparent and instant recovery from overload.

They are an ideal match to Integrated Thrusters™.

MIT-3500-A

8-channel 1000W

- 300W/channel
- RS232/RS485/CANbus serial port control and monitoring, torque and speed control loops

MIT-3510-A

1-channel 200W

- Embedded controller for mounting onto customer system board
- Direct digital control

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TSL Technology Ltd reserves the right to change specifications at any time.

Products sold in accordance with standard terms and conditions of sale.