



PRESS RELEASE

18 December 2013

Cobolt Thor™ Series: High Performance Q-Switched Lasers

***Warsash Scientific** announces the release of the **Cobolt Thor™** Series of high performance Q-switched lasers.*

The DPSS lasers are compact and powerful. The sophisticated laser cavity design provides a unique combination of high pulse repetition rates, short pulse lengths and exceptional pulse-to-pulse stability.

In addition, the emission is generated in a perfect TEM00 beam and with single-frequency spectral characteristics. The lasers are manufactured using Cobolt's proprietary HTCure™ technology and packaged in a hermetically sealed laser head, offering an outstanding level of robustness and reliability and making these lasers highly suitable for OEM integration in systems for range finding, Raman LIDAR, micromachining and micromarking.

KEY FEATURES

- High performance passively Q-switched lasers at 1064nm
- up to 1.0W average output power, >7kHz pulse repetition rate
- <5ns pulse width and 150µJ pulse energy
- Pulse-to-pulse jitter <1µs
- Single frequency
- Pulse count feedback loop for active pulse rep rate control

For more information, contact Warsash Scientific on +61 2 9319 0122 or sales@warsash.com.au.

