



**PRESS RELEASE**  
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## Single Frequency DPSS Lasers with Even Higher Power

*Recently, the Swedish manufacturer of high performance lasers, **Cobolt**, has released four higher power lasers on the single frequency DPSS laser platform, 05-01.*

No diode light leakage during high speed modulation for applications using laser induced fluorescence is essential. In the new MLD series of CW diode lasers, available from **Warsash Scientific**, these diodes and their accompanying electronics have been especially designed to be truly off when there is 0 current through the diode. As a result, the measured extinction ratios during both analogue and digital modulation are currently the highest available on the market. During digital modulation, extinction ratios of >10,000,000:1 (70dB) have been measured on multiple wavelength units at 10MHz and for analogue modulation >1,000,000:1 (60dB) at 1mHz.

### **ZOUK™ 355NM 20MW**

Perfect for fluorescence analysis with Hoechst Blue Indo-1 or DAPI, for example, for DNA content analysis or calcium imaging in flow Cytometry and confocal TIRF microscopy, as well as Raman spectroscopy on semiconductors.

### **COBOLT SAMBA™ 532NM 1,5W**

Great for Raman spectroscopy, Interferometry, Ti:Sapphire pumping and Nonlinear optics.

### **COBOLT FLAMENCO™ 660NM 500MW**

Excellent for Raman spectroscopy, super-resolution STED nanoscopy, Interferometry, DNA sequencing and Particle analysis, eg, DLS/PCS.

### **COBOLT RUMBA™ 1064NM 3W**

Perfect for Light scatter analysis and optical tweezers.

For more information, contact Warsash Scientific on +61 2 9319 0122 or [sales@warsash.com.au](mailto:sales@warsash.com.au).

