



(L) The recipient of Cobolts 10 000th laser, Dr Sam Johnson, with Cobolt's UK distributor Kirn Akram from Laser Lines. (R) Sam Johnson's diamond nano-photonics experimental set-up.

Press release

Effective immediately

10 000 lasers by Cobolt!

Cobolt AB, Swedish manufacturer of high performance lasers, is proud to announce they have produced and shipped their 10 000th laser in February 2016. The recipient of the Cobolt Samba™ 532nm 300 mW single frequency laser, Dr Sam Johnson (standing next to Kirn Akram from Laser Lines UK, Left photo) from the Photonic Nanomaterials Group in the Department of Materials at the University of Oxford, was 'excited and surprised, it was an honour'.

With roots from the Royal Institute of Technology (KTH) in Stockholm and founded in 2000, Cobolt has been a dedicated supplier of high performance lasers to the analytical instrument market for now 16 years. After many market firsts and pioneering its proprietary manufacturing method, HTCure™, Cobolt lasers have proven to deliver unmatched reliability and performance both in the lab and industrial environments, demonstrating lifetime capability of >60 000 hours.

Sam Johnson is studying nitrogen vacancy (N-V) defects in diamond lattices which could hold the key to the future of quantum computing. The Cobolt Samba™ 532nm is used in a scanning confocal microscope set-up to excite the diamond, the red emission highlighting the N-V lattice defect (Right photo). Cobolt was the first choice due to the higher available output power, excellent power stability and TEM00 beam, as well as quick delivery time.

About Cobolt AB

Cobolt supplies high performance CW and Q-switched lasers, for stand-alone use or OEM integration in equipment for fluorescence analysis, Raman spectroscopy, interferometric metrology, micromachining and environmental monitoring. The Cobolt lasers are based on tailored nonlinear optical crystals for efficient frequency conversion and are manufactured in a compact and robust hermetically sealed package using proprietary HTCure™ Technology, which provides outstandingly high tolerance to demanding environmental conditions and ensured lifetime. Cobolt is based in Stockholm, Sweden.

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