

NEWS RELEASE



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For immediate release

CVI MELLES GRIOT LAUNCHES 50% SMALLER ULTRA-COMPACT DIODE LASER New 56-CRH Diode Laser Package Provides Industry Leading Pointing Stability

CVI Melles Griot announces the release of its new 56-CRH series ultra-compact laser head. In addition to a 50% reduction in footprint over previous versions, this new laser features: a pointing stability two times (2x) better than currently available in the industry, a true “off” in modulation, and is compatible with the new 56-CLC Universal Controller.

The rectangular package, at 3.5 x 1.6 x 1.6 inches (90 x 40 x 40 mm) contains a semiconductor laser, thermal management system, and beam conditioning optics in a robust and reliable package configuration.

The 56-CRH series provides excellent output power and pointing stability at 408 nm, 442 nm, 642 nm and 658 nm. In addition to the highest standards in optical noise, power stability and pointing stability, the products offer digital modulation with rise / fall times to < 200 nanoseconds; analog modulation is also available. Custom wavelengths, output power, spot dimensions and electronic drive configurations are available on request.

According to Lynn Strickland, Vice President of Laser Business Development, “we are very excited about the release of these products to the general marketplace. The true ‘off’ in modulation is ideal for long duration exposure applications where noise is a factor. Their small footprint and versatile system integration possibilities make the 56 CRH-series lasers ideal for inclusion in OEM systems for biotech, metrology, and research applications.”

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About CVI Melles Griot Serving semiconductor, biotech, industrial, commercial, aerospace and research industries, CVI Melles Griot is a leading global supplier of photonics products including optical components and systems, lasers, motion-control systems, laser measurement instrumentation and opto-mechanical hardware. Headquartered in Albuquerque, New Mexico, CVI Melles Griot operates manufacturing facilities in New Mexico, California, New York, the British Isles, Japan, and South Korea with sales representatives and distributors located worldwide.