

News Release

ILX Lightwave Corporation

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ILX LIGHTWAVE RELEASES NEW PRECISION CURRENT SOURCE WITH DUAL RANGE 10 AND 20 AMP OUTPUT FOR HIGH POWER LASER DIODES

BOZEMAN, Montana, May 2009 – ILX Lightwave Corporation is pleased to announce the addition of the new LDX-32420 High Power Precision current source to our expanding portfolio of high power laser diode current sources.

The LDX-32420 is the industry's first high power laser diode current source offering user selectable 10 and 20 Amp CW output ranges, multiple levels of laser diode protection for safely testing high power devices, and precision set-point and measurement functions. Designed for precision control of high power single emitter devices, the LDX-32420 combines high set-point accuracy, voltage and photodiode current measurement, and GPIB and USB computer interfaces into one affordable instrument. High accuracy and set-point resolution make this instrument the ideal choice for precision control and testing in R&D and manufacturing test applications. Additional features include constant current and constant optical power operating modes, four-wire forward voltage measurement, and analog laser current modulation capability.

These current sources have been designed specifically for use with high power single emitter laser diodes and provide fourth-generation levels of laser diode protection, including intermittent contact sensing and shutdown, operational and power transient protection, current and voltage limits, and slow start output-on sequencing with redundant shorting circuits.

Computer controlled operation is available with either the IEEE/GPIB or USB computer interface for easy remote programming and control in automated test systems where repeatable and accurate test sequencing, measurements, and data handling are required. For virtual instrument programming, LabView[®] drivers are available through the ILX website.



About ILX Lightwave Corporation:

ILX Lightwave is a market and technology leader in laser diode instrumentation and test systems for research, development, and manufacturing. ILX Lightwave customers include Fortune 500 corporations, national research laboratories, government, and educational institutions. ILX Lightwave is headquartered in Bozeman, MT. As an industry leader for 20 years, ILX products offer customers the highest levels of performance and reliability. ILX Lightwave products are backed by over 60 application and technical notes and an extensive on-line knowledge base. For more information about ILX Lightwave, visit its website at www.ilxlightwave.com.

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