

**ILX LIGHTWAVE ANNOUNCES THE RELEASE OF THE  
LDC-3700C SERIES OF PRECISION LASER DIODE  
CONTROLLERS**

BOZEMAN, MT, February 5, 2009 - ILX Lightwave is pleased to announce the release of the new LDC-3700C series of precision laser diode controllers. The LDC-3700C is the latest generation of the highly successful LDC-3700 platform, which has been the industry's leading laser diode controller since its release in 1990. The LDC-3700C is a family of high performance, microprocessor based instruments that offer a high stability, low noise current source combined with an integrated 32W temperature controller specifically designed for controlling the current and temperature of laser diodes.

Three models cover a wide range of laser diode testing and control applications. The LDC-3714C and 3724C are targeted specifically for precision control of low to medium power laser diodes with dual range current sources of 50/100mA and 200/500mA respectively. For higher power laser diodes, the LDC-3744C provides a dual range current source of 2/4A. All three models come with an integrated 32W temperature controller.

Independent power supplies for laser and TEC current provide clean, isolated power for laser protection and stability. All of ILX Lightwave's proven laser diode protection strategies including slow start, adjustable current limit and compliance voltage, intermittent contact protection, and output shorting relays are incorporated into each model.

The LDC-3700C series comes standard with USB and GPIB / IEEE488 interfaces for remote instrument operation. New installation software includes a simple, intuitive virtual instrument for remote control and monitoring.

The front panel of the LDC-3700C series was designed for quick and easy local instrument operation. Parameters and instrument modes are grouped without confusing multi-function keys or menus. Informative error indicators such as open circuit, current and power limits, and temperature limit let you resolve set-up and operational problems quickly.

### **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 100 application and technical notes and an extensive on-line knowledge base. For more information about ILX Lightwave, visit its website at [www.ilxlightwave.com](http://www.ilxlightwave.com).

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