

**SAFE, AFFORDABLE TEMPERATURE CONTROL
FOR HIGH POWER LASER DIODES**

BOZEMAN, Montana, May, 2009 - ILX Lightwave Corporation announces the release of the LDT-53500 Series Laser Diode Thermoelectric Chillers. Two models are available with 185W and 370W cooling capacity and provide high temperature stability for precise high power laser diode temperature control. Heat and cool modes of operation provide temperature control over the range of -5°C to 45°C. Standard features include multiple interlocks, removable front panel, external temperature sensing, and USB interface.

The LDT-53500 series has been optimized for protecting high power laser diodes from a variety of faults. Laser diode protection is provided through multiple interlocks which are compatible with ILX high power laser diode drivers. The interlocks will change states in the event of loss of flow, over temperature limit, and if the chiller output is disabled.

Variable speed fans minimize noise by adjusting the fan speed in response to the amount of heat being removed by the chiller. The intuitive front panel and use of quick water disconnects allow users to quickly setup either LDT-53500 model. For easy integration into automated test applications the LDT-53500 comes standard with a USB 2.0 interface and front panel USB graphical user interface.

Laser diode protection and temperature stability designed into the LDT-53500 Series Laser Diode Thermoelectric Chillers offers industry leading performance in R&D and manufacturing test applications.

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 over 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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