

## **ILX Lightwave Introduces New Life-Test and Burn-In System for High Power Laser Diodes**

**Bozeman, Montana**, January 10, 2008 - ILX Lightwave today announced the introduction of the newest addition to its family of life-test and burn-in systems for laser diodes. The LRS-9550 High Power Test System is designed to significantly lower the cost of test of high power single emitter laser diodes with drive currents up to 40 amps. The system offers twice the density of other commercially available systems and correspondingly lower cost.

The LRS-9550 can be configured with up to eight independently temperature controlled shelves supporting up to 512 high power laser diodes. The system's flexible design accommodates multiple package styles and supports ACC and LIV test modes. The system may be configured with heat exchanger based temperature control for lowest cost or TEC's for individual fixture temperature control with stability of better than 0.2°C from 25°C to 85°C.

The 9550's ReliaTest™ system control software enables you to get your tests up and running quickly. Multiple device types and test scenarios are easily configured without complicated programming. Careful attention to data management and fault mode handling ensures data integrity even through power black outs.

"The new LRS-9550 system resulted from customer requests to significantly reduce the cost of testing high power laser diodes," said Larry Johnson, ILX Lightwave's President and CEO. "ILX has always been known for expertise in laser diode control backed up by outstanding customer service. With the 9550 we extended that legacy to life-test and burn-in of high power laser diodes."

[240 words]

### **High Power Laser Diode Burn-In Test System**

ILX Lightwave's new LRS-9550 High Power Laser Diode Test System is designed to significantly lower the cost of burn-in and life-test of single emitter laser diodes. The high density system accommodates up to 512 devices with excellent thermal stability from 25°C to 85°C. Modular electronics provide ACC and LIV test modes and drive currents up to 40 amps.

[58 words]

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