

**30 WATT OPTICAL POWER AND WAVELENGTH MEASUREMENT HEAD
FOR HIGH POWER LASER DIODES**

BOZEMAN, Montana, March, 2009 - ILX Lightwave Corporation announces the release of the OMH-67452B 30W Optical Power and Wavelength Measurement Head for the OMM-6810B Optical Power and Wavelength Meter. The OMH-67452B is water-cooled to provide continuous optical power measurement up to 30W. The calibrated head provides NIST traceable power accuracy of $\pm 5.0\%$ and wavelength accuracy of $\pm 1.0\text{nm}$ over a range of 800nm to 1100nm. Increased versatility was designed into the OMH-67452B with a fiber exit port to connect to an OSA or other measurement instrument to make spectral measurements.

The unique wavelength measurement capability “self calibrates” the wavelength dependent response of the detector. Thus there is no need to enter a wavelength for an accurate power measurement allowing it to act like a spectrally-flat thermal detector. Unlike thermal detectors the OMH-67452B uses integrating spheres and photodetector technology to provide instantaneous optical power and wavelength measurements.

The OMH-67452B is designed for manufacturing testing to increase device throughput by eliminating the need to wait for the thermal detector to settle. Additionally the unique wavelength measurement and NIST traceable power accuracy gives it added benefits in R&D 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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