

ONDAX INTRODUCES NEW COMPACT, HIGH-POWER 405nm STABILIZED LASERS

Monrovia, CA. January 18, 2010 – Ondax, Inc, a world leader in the design and manufacture of Volume Holographic Grating filters (VHG) and wavelength stabilized, semiconductor lasers for the industrial, defense, scientific and medical markets, announced the addition of several new compact, high-power, lasers to the company's **SureLock™** line of single-frequency, stabilized laser sources, expanding the available range of both power and wavelength.

The **SureLock™ 405 Series** delivers up to 40mW of true, single-frequency laser performance at 405nm, combining exceptional power, stability, and reliability. With a pre-collimated TEM₀₀ output, a coherence length of over 1 meter, and guaranteed performance for a minimum lifetime of 12 months or 5,000 hours, the 405 Series lasers are an ideal choice for demanding applications including Raman spectroscopy, microscopy, metrology, flow cytometry, printing and fabrication.

The SureLock 405 is available in two package styles. The **Model CP405** is an ultra-compact, cylindrical package designed for easy integration into optical instrumentation or product platforms, offering an environmentally stable design with frequency stability of 4 pm/°C. The **Model LM405** incorporates both precision laser and temperature control electronics into a tightly integrated laser module, offering a rugged drop-in solution with long-term temperature stability of better than 1%.

The SureLock 405 is available in wavelengths from 405nm to 408nm in both 12mW and 40mW versions.

About Ondax

Ondax, Inc. manufactures high-performance VHG filters and stabilized laser sources for a wide range of applications. Our state-of-the-art VHG filters improve laser diode performance by increasing spectral brightness, locking emission wavelength and increasing yield. In ultra-fast lasers, chirped VHG filters reduce the form factor of conventional pulse compressors by two orders of magnitude while providing higher laser power. And our single-frequency VHG-stabilized diode lasers cover wavelengths from 403nm to 860 nm for applications in Raman spectroscopy, flow cytometry, biomedical instrumentation, semiconductor material testing, manufacturing, and scientific research. Ondax's principal fabrication and integration facility is located in Monrovia, CA within convenient reach of downtown Los Angeles and all Southern California airports.

www.ondax.com



Model CP405



Model LM405

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Product Announcement Text (100 words)

NEW 405nm SINGLE FREQUENCY LASERS

The **SureLock™ 405 Series** delivers up to 40mW of true, single-frequency laser performance at 405nm, combining exceptional power, stability, and reliability. The collimated output delivers a coherence length of over 1m with guaranteed performance for 12 months or 5,000 hours. Two package styles are available: the **Model CP405** is an ultra-compact, environmentally stable cylindrical package designed for easy optical integration; the **Model LM405** incorporates precision laser and temperature control electronics into a tightly integrated laser module, offering a rugged drop-in solution.

405 Series lasers are available from 405nm to 408nm in both 12mW and 40mW versions
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Model CP405



Model LM405