

Editorial

It is a real pleasure to share information on Oxxius products and company through this new quarterly Newsletter. Feel free to send us your comments and inputs. Many thanks.

The Oxxius team - sales@oxxius.com

LaserBoxx

More Power for LBX



With the availability of new higher power diodes, Oxxius has extended its LaserBoxx product line.

473nm wavelength can reach now output power of 300mW.

This product is available immediately for ordering.



Power XXL for LBX-HPE

A serie of LaserBoxx HPE laser diodes are now available with additional power. The wavelengths taking benefit of this improvement are :

- 375nm with 400mW output power,
- 520nm with 800mW output power,
- 525nm with 1000mW output power,
- 638nm with 1000mW output power.

These multimode lasers can be injected in a 50µm fiber with a 70% efficiency.

About Oxxius

Oxxius develops and manufactures DPSS (Diode Pumped Solid State Lasers) and laser diode modules in the ultraviolet, visible and near-infrared wavelength ranges.

The LCX series of DPSS lasers and the LBX series of laser diode modules provide exceptional optical performances in an ultra-compact design which can be easily integrated into various instruments for life science, measurement and manufacturing markets.

Understanding our customers' needs, we offer reduced power consumption, optical noise, size and cost while increasing power, ruggedness and reliability.

They are also an invaluable tool for academic or industrial research.

For more information:

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Flagship Product of the Quarter

Since its introduction in Spring 2017, the L6Cc combiner has been very successful on the market, especially for microscopy applications.

Thanks to LaserBoxx compacity, the L6Cc is the smallest all-in-one combiner with 6 lasers embedded. Its unique flexibility and multiple options are the key advantages for future needs.

The L6Cc is a standalone unit, including all interfaces, which simplifies the integration of combined laser sources on the experiment.

The L6Cc is designed for easy maintenance and field upgradability to protect customer investment.



Maintenance cover removed on L6Cc

Modularity is key...!!

The L6Cc combiner is a true modular device. The options that are offered are very broad and extendable on demand, to cover the majority of market requirements for microscopy or other applications.

Available options and modules :

- Multi-outputs (MM, SM, PM or free space)
- Dual-port output (LSFM)
- 30Hz fast switch mirror (TIRF/FRAP)
- Motorized flip mirror (microscope sharing)
- Step neutral density filter (down to µW level)
- SuK(TM) or Kineflex(TM) fiber coupling



Dual Port module on L6Cc



Multi-output module on L6Cc



New Distributor in Italy



Since the 11th of September, OPTOPRIM Srl is officially the new distributor of Oxxius products in Italy.

Based in Roma and Monza, the team is specialized in laser applications and the supply of high performance solutions.

Optoprim Srl is a subsidiary of Optoprim SAS France created in 1994.



To Put on Your Agenda

Please visit Oxxius at:

MAF2017: 15th Conference on Methods and Applications in Fluorescence. Bruges, Belgium, from September 10 to 13, 2017, booth #6.
For more information: <http://maf2017.org/>

Laser World of Photonics India: India's largest photonics trade fair. New Delhi, India, from September 14 to 16, 2017, booth: Dynotech.
For more information:
<http://www.world-of-photonics-india.com>

FisMat2017: The Italian national conference on the Physics of Matter. Trieste, Italy, from October 1 to 5, 2017, booth: Optoprim.
For more information:
<http://eventi.cnism.it/fismat2017>

SCIX 2017: The Great SCientific eXchange. Reno, NV, USA, from October 8 to 13, 2017, booth: RPMC.
For more information:
<https://www.scixconference.org/>

Photonex: The UK largest event dedicated to Photonics and light technologies. Coventry, UK, from October 11 to 12, 2017, booth: Photonic Solutions
For more information:
<https://www.photonex.org/photonex/17/index.php>

Laser 2000 GmbH and Oxxius Partnership

Oxxius and Laser 2000 signed distributorship agreement for Germany, Nordic countries, Spain and Portugal.



Laser 2000 is the largest Pan European distributor for laser and photonics products and has sales offices in all major countries in Europe and a staff of some 120 people. For more than 30 years, Laser 2000 has supplied solutions matching even the most demanding applications. Laser 2000 is a promoter of optical technologies and is always on the cutting edge of technology. To ensure top level support to their customers Laser 2000 invests heavily in the education of their sales force in order to meet the highest expectations of their customers

“We are very proud to partner with Oxxius one of the most prestigious French laser manufacturers with a worldwide reputation for excellent technology and proven quality” commented Armin Luft, founder and CEO of Laser 2000.



“Using a recognized pan-European distributor will help Oxxius to develop its image and sales in Europe. Oxxius will help Laser 2000 developing its markets with our unique LaserBoxx lasers and our very successful wavelength combiners L4Cc and L6Cc.” said Pascal Voluer, VP Sales and Marketing at Oxxius.



Deep UV Laser

The LUV series is an ultra compact deep UV laser offering excellent performance and reliability thanks to its sealed monolithic BBO resonant cavity and its LCX DPSS laser pump source.

The LUV laser is available in free space output, with 3 beam diameter options or with a removable MM fiber coupling.

- Up to 10 mW of CW optical power
- Single Longitudinal Mode
- Adjustable power 10% - 100%
- Fast stand-by mode for extended lifetime
- Beam diameter 0.3 mm
- TEM00 collimated beam
- Compact laser head: 200 x 138 x 70 mm
- Multimode fiber coupling option
- AOM modulator option

