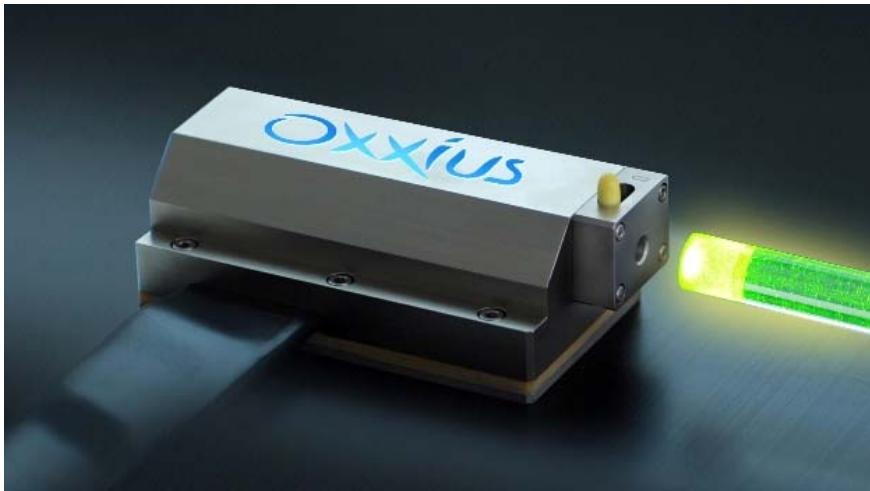


Oxxius introduces the SLIM-561, 150 mW



The SLIM-561-150 is a CW DPSS laser, operating at 561 nm with 150 mW output power. This newcomer to the SLIM product line shares the outstanding performance and compact form factor of its 473 and 532 nm counterparts.

This laser is available in an “OEM” version designed for integration and a “Plug & Play”, CDRH compliant version for convenient laboratory use.

Its optical characteristics combine ideal transverse mode ($M^2 < 1.2$), ultra-low noise ($< 0.2\%$ rms), and exceptional pointing stability ($< 10\ \mu\text{rad}$ over $3\ ^\circ\text{C}$). With a typical power dissipation of 15 W, the SLIM-561-150 fits all requirements to be integrated in flow cytometers, confocal microscopes or other analytical instruments.

The low noise 150 mW output of the SLIM dramatically improves the signal-to-noise ratio, and therefore the throughput, in applications such as cell sorting, near field scanning microscopy, or photobleaching, notably for excitation of PE or fruit proteins.

The SLIM's single frequency emission also makes it a top-notch solution for Raman spectroscopy, holography, or laser Doppler velocimetry.

Oxxius' monolithic laser technology featured in the SLIM-561 brings together the performance and reliability required by the most demanding applications.

For questions or inquiries, please contact Oxxius' sales team at sales@oxxius.com