



A Passion for Precision.

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Press Release

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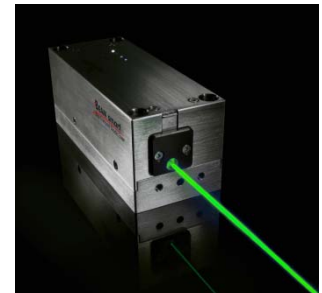
TOPTICA presents 515 nm direct diode technology live at Photonics West

New wavelengths and power levels for OEM diode lasers

TOPTICA presents direct diode technology at 515 nm. So far, the green wavelength regime has not been accessible directly with laser diodes. Integrated in TOPTICA's OEM diode laser iBeam smart, the new wavelength will be demonstrated live at Photonics West.

Other newly available wavelengths are 395 nm (120 mW), 420 nm (120 mW) and 460 nm (100 mW). Furthermore high power versions of 445 nm (100 mW) and 473 nm (80 mW) are available starting now.

These new wavelengths will be integrated in the iBeam smart, the new fiber-pigtailed diode laser iBeam smart PT and TOPTICA's new multi laser engine, the iChrome MLE.



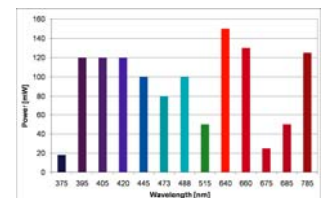
iBeam smart-515 -direct green diode laser

New Wavelengths and output powers (iBeam smart):

- 395 nm – 120 mW
- 420 nm – 120 mW
- 460 nm – 100 mW
- 515 nm – up to 50 mW

Power Upgrades (iBeam smart):

- 445 nm – 100 mW
- 473 nm – 80 mW
- 488 nm – 100 mW



iBeam smart power levels

The iBeam smart-515 will be demonstrated live at BIOS and Photonics West 2011 in San Francisco at the TOPTICA booth #8(8)17

TOPTICA Photonics AG develops, manufactures, services and distributes technology-leading diode and fiber lasers and laser systems for scientific and industrial applications. Sales and service is offered worldwide through TOPTICA Germany and its subsidiary TOPTICA USA, as well as all through 14 distributors. A key point of the company philosophy is the close cooperation between development and research to meet our customers' demanding requirements for sophisticated customized system solutions and their subsequent commercialization.

Author:

Dr. Marion Lang, TOPTICA Photonics AG

