



**IMM Photonics GmbH**

## **Wavelength Stabilized Laser Modules for Biophotonics 488 & 515nm (also 375, 395, 405, 445 & 473nm)**

IMM Photonics GmbH has introduced stabilized green laser diodes at 488 nm and 515 nm. They are a diode substitute for conventional gas-discharge lasers and solid-state lasers like argon ion lasers. IMM offers a wavelength-stabilized laser diode module suitable for both wavelengths (488 nm and 515 nm). The wavelength is stabilized to approx. +/- 0.01 nm. The optical power output is between 10 mW and 60 mW for 488 nm and between 10 mW and 40 mW for 515 nm.

There are a variety of applications in biophotonics for both modules. They are used, for example, in laser confocal microscopy, in flow cytometers, with DNA sequencers and with FRET.



In addition, IMM also offers wavelength-stabilized laser diode modules with 375 nm, 395 nm, 405 nm, 445 nm, and 473 nm. The laser diode module can be designed according to customer specifications (defined beam profile).

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