



## 300nm 50mw UV laser diode

Researchers in Japan claim the lowest threshold current density so far for a UV-B laser diode (LD) emitting at a wavelength of 300nm [Shunya Tanaka et al, Appl. Phys. Lett., vol118, p163504, 2021].

The patented design of our ultraviolet (UV) lasers allows for an ultra-compact design and tuning to nearly any desired wavelength (between 300nm - 360nm range).

UV laser CW and Q-Switched: 261nm, 266nm, 303nm, 320nm, 355nm, 360nm, 375nm, 380nm and 395nm up to 100uJ/1000mW with power supply.

Here, we present the latest developments in diode-based laser systems that produce continuous-wave (CW) tun-able UV output, in which digital con-trol electronics allow for improved per-formance and ...

Laser Diodes, Modules Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused radiation, typically in the infrared, visible or ultraviolet wavelength ranges of the ...

Laser diodes, which are capable of converting electrical current into light, are available from Thorlabs with center wavelengths in the 375 - 2000 nm range and output powers from 0.2 mW up to 2 W.

The laser light is harmful to human body especially to eye no matter what directly or indirectly. The laser beam shall be observed or adjusted through infrared camera or equivalent.

With configurations including Single Emitter Diodes, DPSS, Microchip Lasers, and more, these UV lasers are available in both single-mode and multimode options to suit specific needs.

CNI can provide 300nm ultraviolet laser, the uv laser is manufactured by CNI laser with high stability.

Lasers emitting in the UV (200-400 nm) have high spatial resolution & diffraction limited performance. Find CW, Pulsed, and Laser Diodes at MEETOPTICS.



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Web: <https://www.maxtools.co.za>

