

405 nm OEM Laser for Direct Writing Lithography

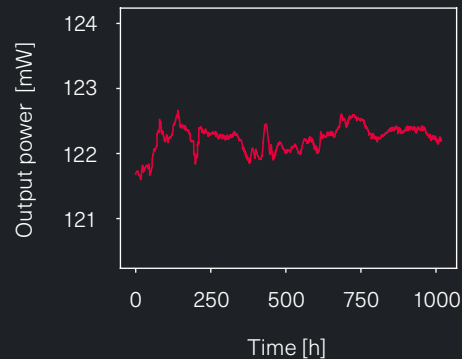
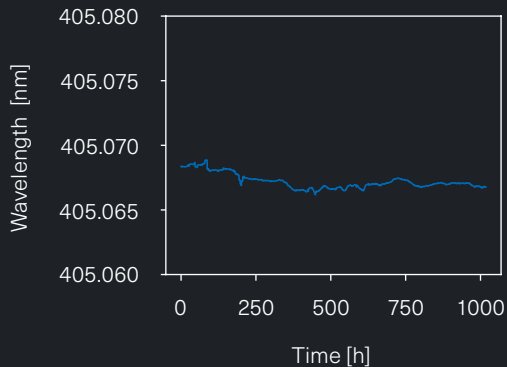


Image courtesy: Heidelberg Instruments Mikrotechnik GmbH

High Output Power for Faster Resist Writing at 405 nm

In Direct-write lithography systems, the excitation source is a key performance driver. OEM manufacturers need more than a light source – they require a platform that delivers high power output, exceptional power stability, seamless integration, and long-term reliability.

The redesigned TopMode 405 platform is optimized for industrial and OEM environments, with improved robustness and reliability. It maintains the performance the platform is known for, with single-frequency emission at 405 nm and enhanced power and wavelength stability for outstanding performance in industrial and in-line systems.



Your Benefits

Up to 100 mW output power

More power enables a faster writing speed! The TopMode is the only single-frequency laser on the market in this form factor providing up to 100 mW of power at 405 nm.

Excellent wavelength and power stability

With its excellent power and wavelength stability, the TopMode delivers the best performance in its power class.

For your customers, this means better pattern accuracy, thanks to an optimal control over the resist exposition.

The long-term performance stability also means a lower need for tool calibration.

Designed for OEM integration

Our TopMode laser head is designed for easy integration into your OEM tool. Compact and passively air-cooled, it remains absolutely silent and free of vibrations.



Strengthening your Direct-Write Lithography Performance?

Request a demo and discover how the TopMode 405 can become the performance driver of your OEM platform!



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