



PRODUCT INFORMATION

TEC-30 Intelligent Laboratory Laser System - Cheetah

Easy Stabilized Operation of most Commercially Available Laser Diodes

Customized DFB and DBR Laser Wavelength Selection:

Available DFB laser wavelength range from 750nm to 1630nm. Due to a special manufacturing method, customized wavelength can be provided with a selection of below 2nm even for single units. Å Please check our most commonly requested wavelength. Å

Intelligent Laser Controller:

The intelligent, low noise PilotPC laser controller changes the laser system from just a laser system to an automated measuring tool. All functions can be operated via GPIB, USB, or RS232.

Laser Exchange:

Our Cheetah Laser system is designed for an easy exchange of laser diodes as it is requested for laboratory operations. For exchanging the laser diode, the collimation lens can be removed. The TEC-030 is prepared for accepting laser diodes within a 9mm TO can as well as within a 5.6mm TO can. After the exchange, the laser beam can be collimated just by rotating the collimation lens holder.

High Frequency Å Current Modulation:

Several applications require a fast high frequency current modulation. We offer a standard bias-tee with modulation frequencies up to 500MHz.

Temperature Stabilization:

The 1mK temperature stabilization of the diode laser results in a highly stable output power with variations below 0.1%.

Available Wavelength:

Please check our diode laser table for commonly requested wavelength, please contact us for customized wavelength:

Å

FP: Fabry Perot Diode Lasers: Wavelength Range: 375nm .. 440nm, 635nm ..
1710nm Å DFB: Distributed Feedback Diode Lasers: Wavelength Range:
750nm .. 2800nm Å

CONTACT & LEGAL



For further information about the product or support requests, please contact your local person in charge.

+ 49 (0)6421 305-0 Germany
+ 1 800 352 3639 United States, Canada

Sacher Lasertechnik GmbH
Rudolf-Breitscheid-Str. 1-5
35037 Marburg
Germany

Sacher Lasertechnik LLC.
5765 Equador Way
Buena Park, CA 90620
United States



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