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Newport Corporation Introduces High Power Laser Diode Driver

IRVINE, Calif., January 29, 1997 -- The Model 5405 High Power Laser Diode Driver is a cost effective solution for driving your high power CW laser diodes. A 40 Amp/ 5 Volt output lets you operate two laser diodes in series. A complete control system is available from Newport by using one of several high power laser diode mounts.

Both Constant Current and Constant Power control modes are available with the Model 5405. Front facet power can be detected using a high power thermopile detector, such as Newport's 818T series, and is displayed in watts. An external modulation input port has a 3dB bandwidth of 2.5kHz. This port is also useful for external voltage control of the output current set-point.

Safety features include an independent current limit, slow turn-on sequence, and relay shorting protection when the output is off. A preset display allows precision setting of the current or power level before the output to the laser diode is turned on.

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We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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