ML7000 series

turnkey laser systems

OEM medical laser system with all the safety features

tailored OEM light engine for display & projection

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on your wavelength

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	ML7500-635	ML7500-808	ML7500-980	ML7500-1470	ML7500-1550
Wavelength	635 nm	808 nm	980 nm	1470 nm	1550 nm
Optical Output Power	3 W	75 W	75 W	15 W	12 W
Power Stability (24 hrs)	< 5 %	< 5 %	< 5 %	< 5 %	< 5 %
Fiber Core Diameter	400 µm	400 µm	400 µm	400 µm	400 µm
Fiber Numkerical Aperture	0.22	0.22	0.22	0.22	0.22

Benefits for you

ML7000 series consists of safe, robust and realiable turnkey laser systems. It's an easy-to-use product platform for Modulight lasers in the wavelength range of 465–1550 nm and output power up to 100 W. The ML7000 series ensures you fast product launches and easy application testing. Modulight's ML7000 series products have excellent service and life-cycle support.

Technical information

- receptacle output with SMA-905 connector
- up to 7 laser channels
- automated power control and cooling solutions
- integrated control, cooling and driver
- easy-to-use touch sreen graphical user interface
- DC power input
- **options:** multiple individually addressable channels, internal calibration module, foot pedal, fiber sensors and safety interlocks, handpiece, separate touch-screen display

Package options

ML7000 series turnkey systems can be custom designed and manufactured. There is a wide range of options to choose from when getting a Modulight turnkey system. Some examples:

- Desktop case with easy-to-use interface. Option: single channel or multichannel laser output (drawing below)
- Rack mounted system
- Stand-alone mobile cart for medical use with required safety features and handpiece for laser output.

Applications

- display & projection • therapy •
- diagnostics • fluorescence •
- dentistry • optical pumping •
- measurement & analysis •
- illumination • scanning •

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