

ML6700-PDT

in-vitro & in-vivo medical laser for photoimmunotherapy



Compatible with Modulight illumination kit: perfect for parallel illumination of photosensitive samples

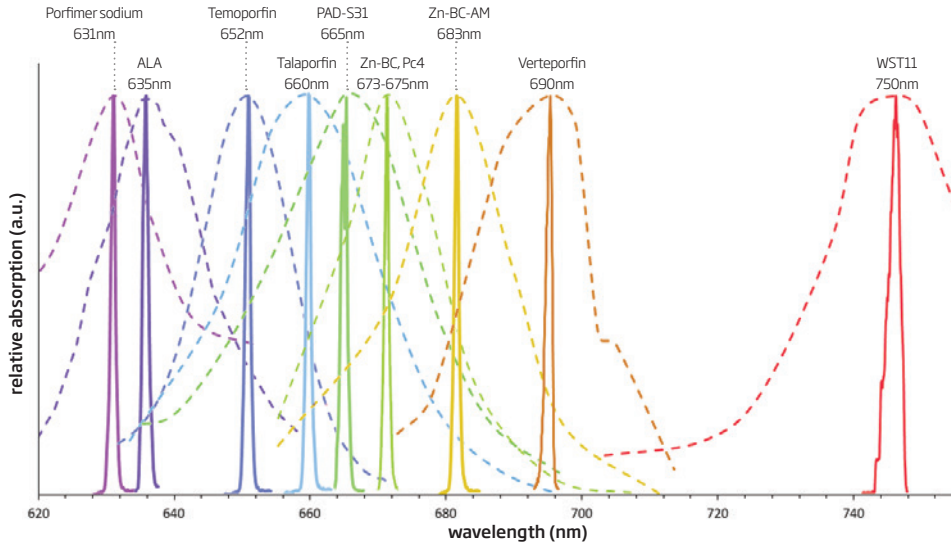


Easy-to-use PC user interface for operating up to five Modulight laser modules simultaneously



OEM laser systems for photodynamic therapy

ML6700-PDT is an OEM laser system platform tailored for photodynamic therapy (PDT) application, supporting all common photosensitizer wavelengths. The system is designed specifically for easy laboratory use or integration into an existing system platform. Standard products come with fiber pigtail with SMA-905 connector, integrated driver, and cooling controller. The systems can be controlled through a USB port with a PC user interface (to be ordered separately) or by an analog/digital control signal directly. Ask Modulight sales team for further information on user interface, control cables and power supplies.



The absorption spectra of some common photosensitizers and the laser emission spectra of Modulight ML6700-PDT.

Wavelength	630 nm	635 nm	652 nm	660-690 nm	753 nm
Optical Output Power	1.0 W	1.5 W	2.5 W	3.0 W	3.0 W
Input Voltage	15 V	15 V	15 V	15 V	15 V
Typical Input Power	20 W	30 W	40 W	50 W	45 W

All the above values are typical for CW operation @ 15-30 °C. Wavelength specification: 90% of the output power within +/- 3 nm. Please refer to the ML6700-PDT datasheet for more detailed information.

Your benefits

- The PDT laser at your wavelength and power
- Proven efficacy by design and testing
- Easy and safe laser operation
- All the required safety features
- Simple PC user interface or analog/digital control via USB
- **Accessories:** power supply, control cable, illumination kit for R&D
- ISO13485 certified laser design and manufacturing



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