SW-Series Laser Systems
*High Power Fiber-Coupled Lasers at Ultra-Violet, Blue, Green, Red and NIR Wavelengths*

The new Opt Lasers’ SW-Series Laser Systems provides industry-leading power levels from a single multimode fiber. The product family is based on a high-reliability multi-emitter semiconductor laser technology with proprietary high-efficiency processes for beam combining and fiber coupling. These high-brightness, turn-key laser systems include numerous standard features such as a touch-panel interface, integrated laser control electronics, TEC-control for power and wavelength stability as well as the ability to be modulated from an external input. Customized systems can also be provided.
Applications

- Materials Processing
- Sample Illumination for Life Sciences
- Phosphor Pumping
- Pumping of Thulium-Doped and Other Fibers
- Architecture and Art
- Ultra-Bright Beacons
- Photodynamic Therapy
- Medical

Configurations

Turn-Key Laser Systems

Features:

- ≤ 0.7 W to > 10 W of Optical Power
- SMA 400 um/0.22 NA Fiber Output*
- Touchscreen Interface
- Actively TEC-Controlled with Air Cooling
- Integrated Laser Diode Driver and Power Supply Unit (110 – 240V, 50/60 Hz)
- Analog and TTL Inputs
- > 20 kHz Square Wave Modulation Bandwidth (> 100 kHz Available)

Options and Accessories:

- Power Adjustment via Potentiometer
- Safety Package, Ships Installed: “laser on” LED, interlock (1 m cable), key lock, emergency-off button [Lead time: 8 weeks]
- Optical Fiber Cable with High Power SMA Connector, Metal Jacket and 400 um/0.22 NA Fiber*