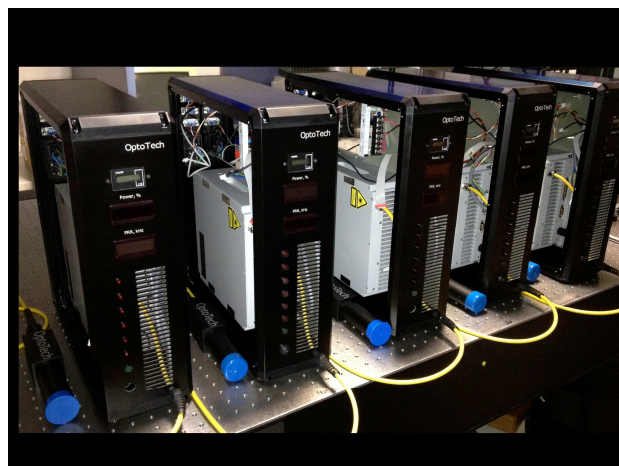


## Pulsed and CW Fiber Laser Systems



### Applications:

- ◆ Laser Marking
- ◆ Laser Cleaning
- ◆ Laser Engraving
- ◆ Laser Drilling

### Specifics:

- Suitable for replacing flashlamp and DPSS systems
- Microcontroller controlled

		CW Chroma Series
<b>System Specifications</b>	Wavelength	1,067nm
	Average Power Output	10W to 100W
	Beam Delivery	Single mode optical fiber
		Isolator + beam expander
	Pulse Length (for pulsed systems)	Fixed to 120ns, Tunable between 4ns and 350ns
	Maximum Energy per Pulse	1mJ
	Peak Power	7KW
	Beam Diameter at Exit Aperture @ 1/e <sup>2</sup>	8 mm
	Spatial Mode	TEM <sub>00</sub> (single transversal mode)
	M <sup>2</sup> (for Single Transversal Mode)	< 1.1
	Beam Roundness (for Single Transversal Mode)	> 98%
	Beam Divergence (for Single Transversal Mode)	< 1 mrad
	Aiming Beam	2mW, 635nm (red)
	Cooling	Air cooled

		Specifications
<b>Utility and Installation Requirements</b>	Operating Voltage	110V – 240V, AC
	Control interface	USB or RS232
	I/Os	Flexible, as per customer specifications
	Operating Temperature	10C to 40C
	Storage Temperature	- 20C to + 60C
	Dimensions (LxWxH),	500mm x 500mm x 170mm
	Weight	6Kg