



NEW CAPABILITIES

High Peak Power Femtosecond Lasers

As part of the Amplitude Laser Group, Continuum is expanding its capabilities to include the production, sales, and service of high peak power femtosecond lasers. Continuum will be assembling large scale Terawatt and Petawatt ultrafast lasers in San Jose starting in 2016, using Continuum pump sources and ultrafast components and subsystems from Amplitude Technologies in France.

Continuum has a long history and a proven track record of designing, building, and delivering custom scientific lasers. These systems include some of the most advanced high energy pump sources for the world's largest Petawatt (PW) and Terawatt (TW) laser systems. The Continuum Constellation Series of glass lasers is installed in key facilities in Asia and Europe as well as the US. With the world's highest commercially available energy—coupled with outstanding beam quality—Constellation lasers enable stable and high power pumping of Ti:Sapphire while reducing the risks of damage. Continuum also offers the only commercially available lasers designed specifically for OPCPA pumping at the front end of the latest generation of PW and TW lasers.

As part of the Amplitude Laser Group, Continuum now supports, in addition to advanced YAG pump lasers, the entire Amplitude family of ultrafast Ti:Sapphire lasers. Whether users demand complete turn-key TW or PW systems or need critical elements of the system, Continuum is the world-class partner capable of delivering the right solution.

Continuum[®]
The High Energy Laser Company[™]

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