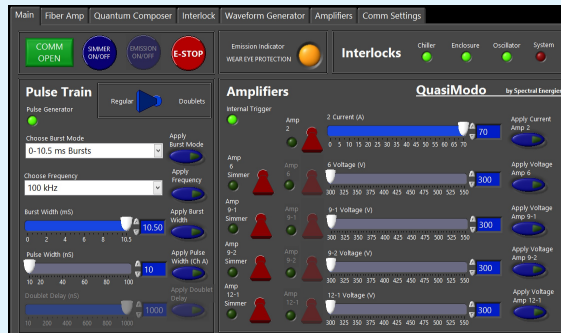


Software Controlled



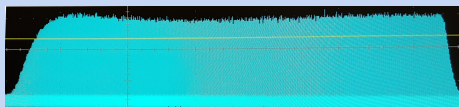
QuasiModo Laser System



Beam Profile: 532 nm, 7 mm ($1/e^2$)



Burst Profile: 532 nm



1 ms Burst at 500 kHz Rep Rate
Pulse Sequence Flatness > .90

Spectral Energies, LLC

4065 Executive Dr
Beavercreek, OH 45430

Phone: (937) 256-7733

contact@spectralenergies.com

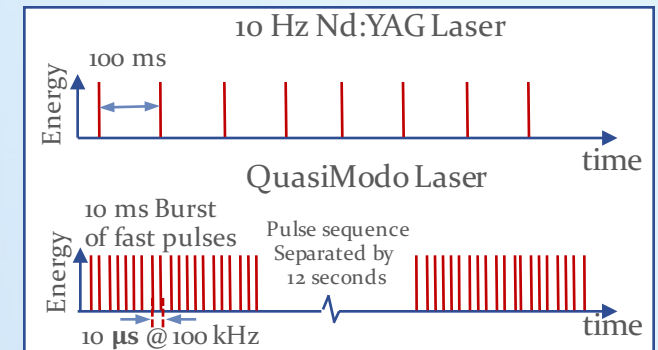
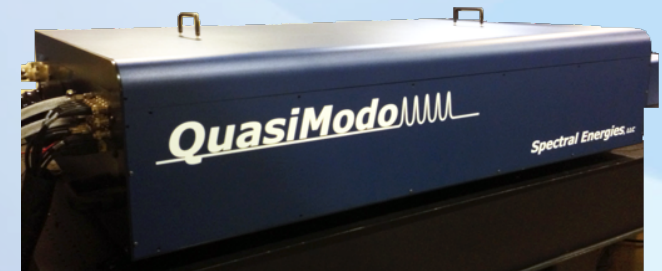
www.spectralenergies.com



**Spec sheets for all
products available
upon request.**



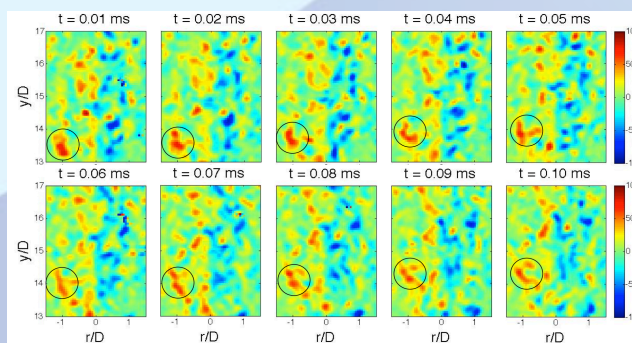
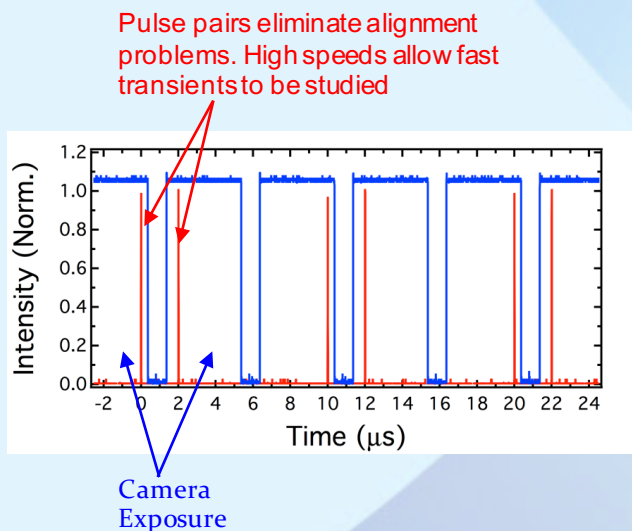
**Customizable & Portable
Burst-Mode Laser Systems**



SYSTEM SPECS

	Quasimodo
Individual pulse width	10-15 ns
Pulse frequency within a Burst	2-100 kHz
Max Number of pulses in Burst	100 @ 10 kHz 1000 @ 100 kHz
Duration of Burst	1-10 ms
Typical pulse energies (mJ) @ 10 kHz	
532 nm	500
355 nm	250
266 nm	70
Typical pulse energies (mJ) @ 100 kHz	
532 nm	50
355 nm	25
266 nm	3
Time between pulse sequences	12 seconds
Spectral Bandwidth	< 1 GHz
Beam diameter, $1/e^2$	4-7 mm
Beam quality, M^2	< 3
Pulse sequence flatness with optional tailored profile control	>0.90

100-kHz PIV for Turbulent Flows

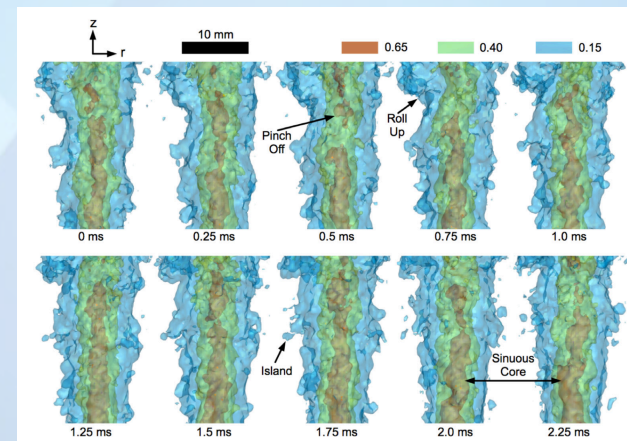


Exp. Fluids., 57:192 (2016)
Approved for public release (88ABW-2016-2828)



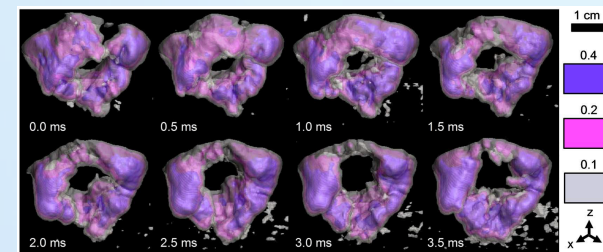
CLASS 4 LASER PRODUCT INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO DIRECT OR SCATTERED RADIATION

20 kHz Tomographic Imaging of the Concentration Field



Proc. Combust. Inst., 36, 4611-4618 (2017)
Approved for public release (88ABW-2015-6074)

3D OH Planar Laser-Induced Fluorescence



Optica, 4, 897-902 (2017)
Approved for public release (88ABW-2017-1141)

For export: 1064 nm energy is limited to 1 J/pulse and 532 nm energy is limited to 500 mJ/pulse at 10 kHz.

IR energy at higher repetition rates will scale down linearly.

For custom specifications please contact us.