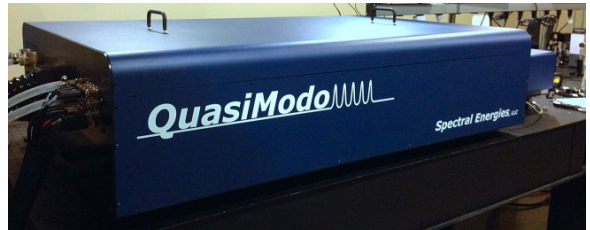


Laser Products

QuasiModo

Flashlamp/Diode-pumped
 Nd:YAG-based master
 oscillator power amplifier



Specification Sheet	
Individual pulse width	12-15 ns
Pulse frequency within a pulse sequence ⁽¹⁾	2-100 kHz
Maximum pulses in pulse sequence ⁽¹⁾	100 @ 10 kHz 1000 @ 100 kHz
Duration of pulse sequences ⁽¹⁾	1-10 ms
Typical pulse energy ⁽¹⁾	
- 1064 nm @ 10 kHz	0.12-1.2 J/pulse
- 532 nm ⁽²⁾ @ 10 kHz	60-600 mJ/pulse
- 355 nm ⁽²⁾ @ 10 kHz	30-300 mJ/pulse
- 266 nm ⁽²⁾ @ 10 kHz	10-100 mJ/pulse
Time between pulse sequences	8 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

(1) Other pulse frequencies, duration of pulse sequences, and energy levels may be available upon request

(2) Other wavelengths generated through use of external harmonic generator