

Intrepid Specifications

Description	Intrepid I	Intrepid II
Wavelength	532 nm	532 nm
Energy	>100 mJ	>4 J
Energy stability	<2% RMS	<2% RMS
Repetition rate	10 Hz	2 Hz
Beam diameter	<6 mm	25 mm
Beam divergence	<0.67 mrad	<0.67 mrad
Pulse duration	2.5-4 ns	2.5-4 ns
Polarization ratio	Linear, 100:1 vertical	Linear, 100:1 vertical
Pointing stability	>99% of shots within ± 50 μ rad full angle over 8 hr	>99% of shots within ± 50 μ rad full angle over 8 hr
Temporal profile	flat top, 5% RMS	flat top, 5% RMS
Spatial profile	top hat, 15% RMS 80% of beam	top hat, 15% RMS 80% of beam

Notes

- * Additional configurations are available on request
- * System is configured with one waveform standard. Additional waveforms are available for an additional charge.

As a part of Continuum's ongoing improvement program, all specifications are subject to change without notice.