

High Energy DPSS ND:YAG Nanosecond Pulse Laser

FLATTOP

- Diode Pumped
- 1 Billion Pulses
- Flat-top Spot Output

- Expandable/Extensible OPO
- Maximum Repetition Rate of 1 kHz
- Water-cooled



Specifications*¹

Model		FlatTop-50	FlatTop-150	FlatTop-300	FlatTop-600
Repetition frequency		500 Hz			
Maximum single pulse energy by wavelength	1064 nm	50 mj	150 mj	300 mj	600 mj
	532 nm	25 mj	75 mj	150 mj	300 mj
	355 nm	15 mj	45 mj	100 mj	200 mj
Pulse width		8-10 ns			
Angle of divergence		<1 mard			
Energy stability		< 0.7% @ 1064		< 1.5% @ 532	< 2.5% @ 355
Spot size		≤ 5 mm	≤ 7 mm	≤ 7 mm	≤ 9 mm
Jitter		< 1 ns			
Polarization purity		> 99%			
Cooling method		Water ²			

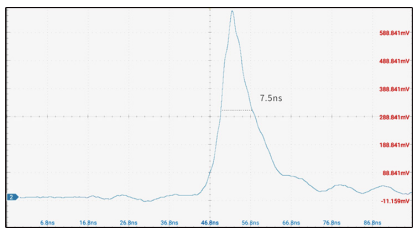
(1) This system parameter is set as the standard system configuration. We offer comprehensive customer-specific customization services.

Contact sales@timetechspectra.com to inquire about your exclusive laser solution.

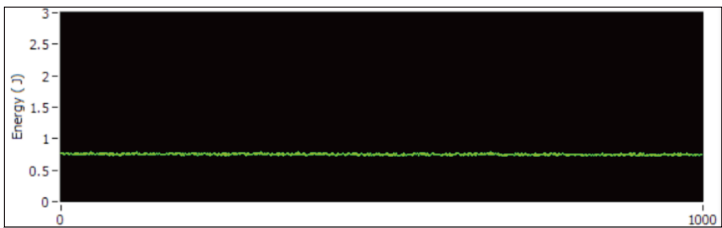
(2) The cooling method can be adjusted to air cooling based on your requirements.

Sample Data

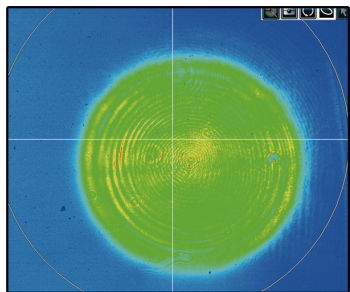
Energy Output Curve



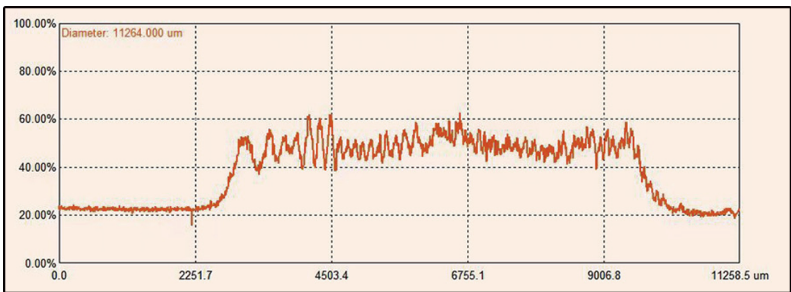
FlatTop-300 Typical Pulse Width



FlatTop-300 Stability Test



FlatTop-300 Typical Beam Spot



Flat-top Light Fitting Curve

Equipment Size

