

All Solid State Sub-nanosecond Laser

◆ Features

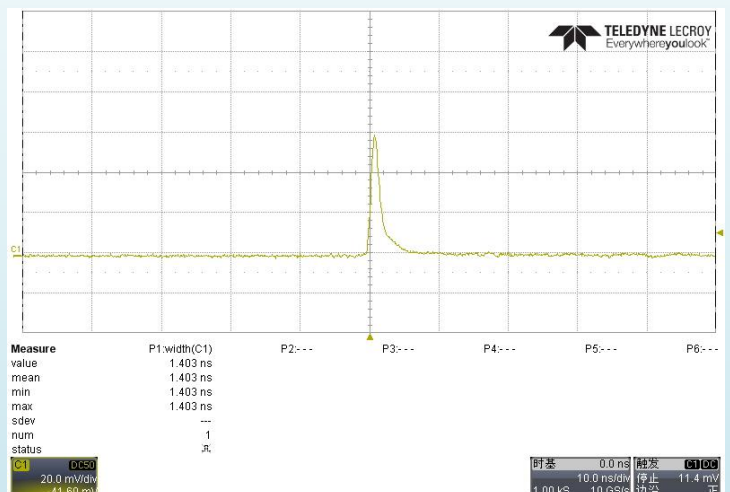
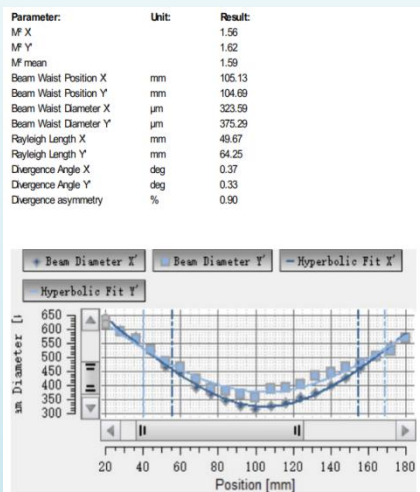
- ✧ Narrow Pulse Width
- ✧ Air Cooled
- ✧ High Peak Power
- ✧ High Repetition Rate

◆ Specifications



EO-1064/532/355/266/213-Subnano					
Wavelength (nm)	1064±1nm	532±1nm	355±1nm	266±1nm	213±1nm
Operating mode	Q-switched: EO (Electro-optic)				
Single pulse energy (uJ)	>500uJ@1KHz	>300uJ@1KHz	>50uJ@1KHz	>40uJ@1KHz	>30uJ@1KHz
Output power(mW)	500mW@1KHz	300mW@1KHz	50mW@1KHz	40mW@1KHz	30mW@1KHz
	4000mW@10KHz	1000mW@10KHz	100mW@5KHz	50mW@5KHz	20mW@5KHz
Power stability	<1% ,<2%	<1.5% ,<3%	<3% ,<4%	<3% ,<4%	<5%
Pulse duration (ns)	<1.5ns@1KHz	<1.5ns@1KHz	<1.5ns@1KHz	<2ns@1KHz	<2ns@1KHz
Rep. rate (kHz)	1KHz~10KHz		1KHz~5KHz		
Beam diameter (mm)	~1mm		~1.5mm		
Beam divergence, full angle (mrad)	<3 mrad		<5 mrad		
Pulse jitter (ns)	<1ns				
Cooled method	Air cooled				
Warm-up time (minutes)	<15				
Power supply	AC 220V/DC 24V				
Expected lifetime (hours)	10000h				

◆ Testing Data



CNI LASER: Complete Solution for Laser Technology!



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