

INDI Series Nd:YAG Lasers

450 mJ Of 1064 Energy In A Low-Cost, Compact Package.

Quanta-Ray introduces an all-new series of affordable, compact, workhorse Nd:YAG lasers designed for the demands of industrial and scientific applications: the INDI Series from Spectra-Physics.

Featuring top quality components and world-renowned engineering, INDI boasts a smaller footprint and superior mode quality over competing systems, yet costs nothing more.

Flashlamp changes are quick and easy — no need to remove the pump chamber. Operation is simple with optional remote or computer interface. Installation is a breeze. And 40 million shots dramatically reduce operating costs.

Available in IR and harmonic versions with internal dichroics, INDI lasers are ideal for plastic and ceramic components marking, laser cleaning, flat panel display repair, and LIBS.

Call today and put INDI's value to work for you.

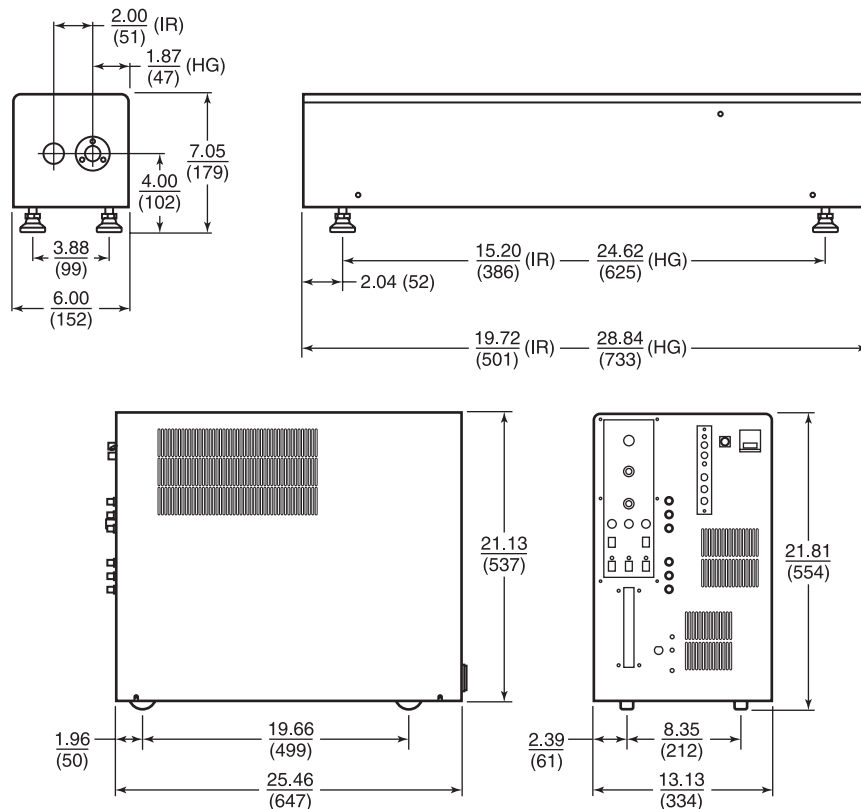
The INDI Series Advantage.

- High and low energy versions.
- 10 and 20 Hz repetition rates.
- Superior mode quality.
- Proven reliability.
- Q-switched and long pulse operation.
- Remote control options.
- Sealed cavity.

INDI Specifications¹

Model	INDI-40				
	Rep-rate (Hz)	10	20		
Energy (mJ)	1064 nm	450	420		
	532 nm	200	160		
	355 nm	100	100		
	266 nm	55	40		
Output Characteristics	Pulse Width (nsec)	5-8	Beam Profile	Near Field Fit (1m)	0.70
	Divergence (mrad)	0.5	Far Field Fit (∞)	0.95	
	Beam Diameter (mm)	< 10	Modulation (near field)	0.30	
	Beam Pointing (\pm μ rad)	100			
	Timing Jitter (\pm nsec)	0.5			
	Energy Stability (\pm %)	2			
	Power Drift (\pm %)	3			
Power Requirements	Electrical Service	10/20 Hz: < 12A/ < 16A			
	Voltage	190-260 V, Single Phase, 50/60 Hz			
Physical Characteristics	Umbilical Length	3m (10 ft)			
	Remote Cord Length	3m (10 ft)			
	Weight; Laser Head	11 kg (25 lb) (IR) 15 kg (34 lb) (HG)			
	Power Supply	60 kg (132 lb)			

1. Specifications are subject to change without notice. Unless otherwise stated specifications are given for Q-switched operation at 1064 nm.



Spectra-Physics
The Solid State Laser Company™

Dimensions $\frac{\text{inches}}{\text{mm}}$



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