



DDC TECHNOLOGIES INC.

311 Woods Avenue,
Oceanside, NY 11572
Tel.: 1-866-FIND LASER
Int.: (516) 770-0441
Fax: (516) 764-4412
Email: sales@ddcotech.com

STINGRAY™ II

Diode-Pumped Nd:YAG Laser

STINGRAY™ diode pumped Nd:YAG laser is compact, reliable and yet affordable DPSS Q-switched harmonic laser. Due to its high beam quality and stable high power output, it is the great light source for many material processing applications, including via hole drilling, cutting, ablation, etc. Its flexible design also allows customized configurations, in order to best fit any particular application.

SPECIFICATIONS

	IR	GREEN	UV-III
Wavelength, nm	1064	532	355
Max. Output Power¹, W	14 (CW); 11	10	4
Pulse Width¹ (typical), ns	30	25	20
Instability¹, pulse-to-pulse, %	<3	<3	<4
Power Deviation, over 8 hours, %	<1	<1	<2
Output PRF range	2-40 kHz	5-40 kHz	5-40 kHz
Polarization Orientation	Horizontal	Vertical	Horizontal
Beam Spatial Distribution	TEM00	TEM00	TEM00
Beam Pointing Stability, μrad	<20	<20	<30
Beam Divergence (typical), mrad	1	0.5	0.3

¹-at 10 kHz PRF and full pump power

Power requirements: ~110-250V / 1 phase, 10A min

Laser Head Dimensions: 400 x 200 x 92 mm (L x W x H)

Note: Specifications are subject to change without notice.