

Scorpius Series High Power Portable IR Laser

The Scorpius Series, a portable DPSS laser emitting at 1064nm, produces a completely invisible laser beam. Extreme caution must be used when operating any infrared laser as the human eye will not detect it. Laser safety goggles are included with each Scorpius Series laser. The Scorpius Series is available at up to >800mW, much greater output power levels than those available in visible-wavelength portable lasers. In addition the price per milliwatt of output power is a fraction of the cost of visible lasers. Ideal for IR laser experimentation including frequency-doubling the 1064nm output using non-linear crystals such as KTP to produce green laser light at 532nm.

Laserglow's Scorpius Series green portable lasers are individually tested using a laser power meter for a 10-minute continuous period to ensure sustained performance. This test is done at least 3 times before being shipped to the customer.



Key Features:

- *Starting at: \$989*
- *Output Power:* varies based on model
- *Casing:* Aluminum, Solid
- *Wavelength:* 1064nm (Infra-Red, Invisible)
- *Key Feature:* Extremely high power with small beam diameter and divergence.
- *Wavelength:* 1064nm (Infrared)
- *Casing:* Hard Anodized Machined Aluminum
- *Package Includes:* Portable laser, Laser safety goggles, aluminum carrying case, instructions/warranty.
- *Warranty:* 6 Month Standard/12 Month Extended
- *Safety Info:* 100% FDA Compliant
- *Duty Cycle:* 100%

Item	Details	Price (USD)
Scorpius-250	Sustained: 250-499mW	\$689
	Peak: ~400mW	
Scorpius-500	Sustained: 500-750mW	\$989
	Peak: ~800mW	

SPECIFICATIONS:

Series Name	Scorpius Series
Dimensions (mm)	230 x 38
Battery Type	2 pcs. Alkaline 1.5V "C" batteries
	or
	2 pcs. NiMH 1.2V "C" rechargeable
Sustained Output Power	>500 mW
Wavelength	1064 nm
Output Type	CW (Continuous Wave)
Cooling Method	Heat Sink / Air
Beam Color	Infrared
Transverse Mode	TEM00
Beam Diameter	<2 mm
Beam Divergence	~1.5-2.2 mrad
Operating Temperature	15 - 35°C
Expected Lifetime	5,000 hours
Warranty Period	6 months

DANGER!

CLASS IV LASER PRODUCT

Laser radiation emitted from the aperture of this device.

Avoid direct or reflected exposure to the beam.

Wavelength: 1064 nm Output power: >500 mW

Device is compliant with 21 CFR1040.10 and 1040.11

Laserglow.com Limited (Laserglow Technologies)

216-5 Adrian Ave. Toronto, ON M6N5G4 Canada

ACCESSORIES:

Laser Safety Goggles

Protect your personnel from accidental exposure and injury. Starting at \$89, various models available. See website for full product selection.



GlowMount Tripod Adaptor

Easily connects the laser to any standard camera tripod. \$29.99 (\$26.99 if purchased with the laser.)



FOR FURTHER INQUIRIES PLEASE CONTACT:

LASERGLOW TECHNOLOGIES

216-5 Adrian Ave.
Toronto, ON, M6N5G4
Canada

Tel. (416) 729-7976
Fax (480) 247-4864

sales@laserglow.com
www.laserglow.com