

Scorpius-D Series High Power Portable IR Laser

The Scorpius-D Series, a portable diode laser emitting at 808nm, 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-D Series is available at up to >1.0W, 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 such building a 532nm laser using Nd:YVO4 and KTP crystals to produce green laser light at 532nm.

Laserglow's Scorpius-D Series IR 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
- *Key Feature:* Capable of generating large amounts of heat at close range.
- *Wavelength:* 808nm (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 D-700	Sustained: 700-850mW	\$789
	Peak: ~800mW	
Scorpius D-800	Sustained: 800-850mW	\$989
	Peak: ~900mW	

SPECIFICATIONS:

Series Name	Scorpius D 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	>800 mW
Wavelength	808nm
Output Type	CW (Continuous Wave)
Cooling Method	Heat Sink / Air
Beam Color	Infrared
Transverse Mode	-
Beam Dimensions	square, ~6X6 mm
Beam Divergence	<5 mrad
Operating Temperature	15 - 35°C
Expected Lifetime	5,000 hours
Warranty Period	6 months (12 months extended)

DANGER!

CLASS IV LASER PRODUCT

Laser radiation emitted from the aperture of this device.

Avoid direct or reflected exposure to the beam.

Wavelength: 808 nm Output power: >500 mW

Device is compliant with 21 CFR1040.10 and 1040.11

Laserglow.com Limited (Laserglow Technologies)

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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:

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