

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

ExciStar XS 200/500

Ultra-Compact, Lightweight, Highly Reliable UV Light Source

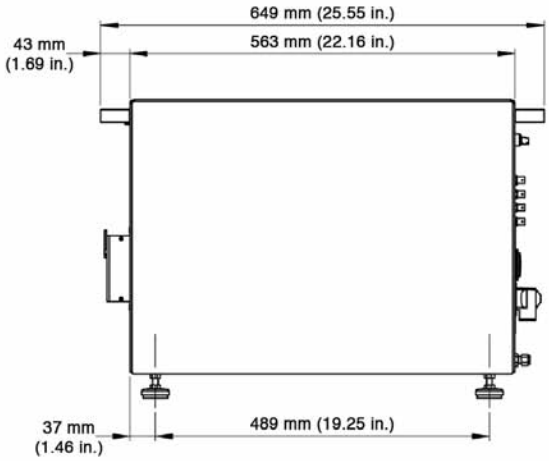


Features

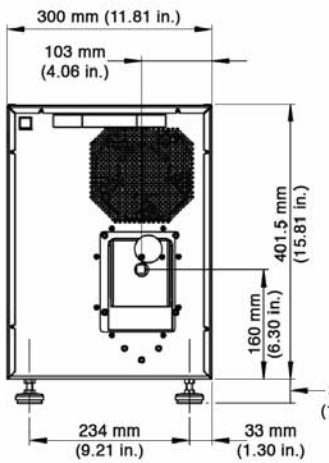
- Extremely compact size
- Available for 157 nm, 193 nm, 248 nm and 351 nm wavelengths
- Repetition rates up to 200 Hz and 500 Hz
- New tube design “Almeta XS”
- Equipped with corona preionization and all-solid-state-pulser
- Standalone and OEM version
- Air cooling, single phase
- Use of premix laser gas
- RoHS compliant

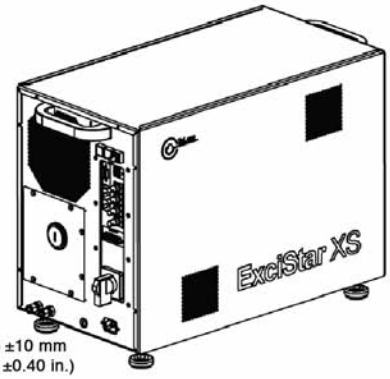
Mechanical Specifications

Side View



Back View





Superior Reliability & Performance

ExciStar™ XS 200/500

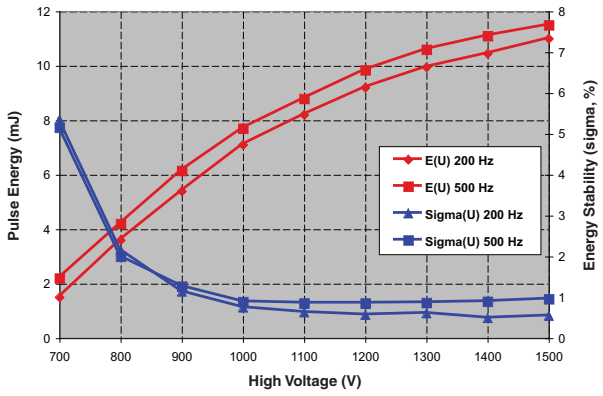
Ultra-Compact, Lightweight, Highly Reliable UV Light Source

System Specifications

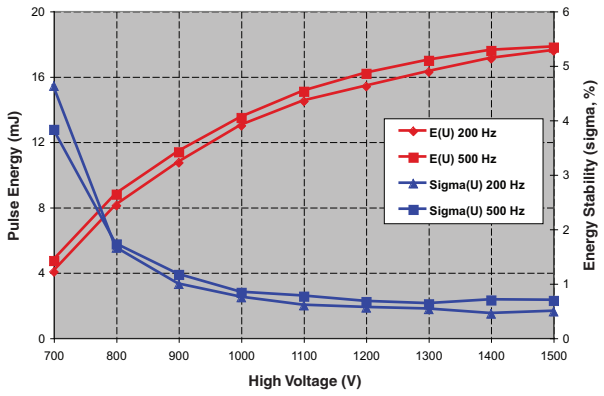
Wavelength (nm)	157	193	248	351
Tube Design	Almeta XS			
Repetition Rate (Hz)	200/500			
Maximum Pulse Energy (mJ)	2	8	12	6
Stabilized Pulse Energy (mJ)	1	5	8	4
Average Pulse Power[1] (W)	>0.2/>0.5	1/2.5	1.6/4	0.8/2
Energy Stability[1] (1 sigma, %)	<2/<3			
Beam Profile (V x H, FWHM, mm)	6 x 3			
Beam Divergence (V x H, FWHM, mrad)	3 x 1.5			
Pulse Duration (FWHM, typ., ns)	5			
Weight (kg)	58			
Dimensions (mm)	649 x 300 x 400 (25.55 x 11.81 x 15.75 in.)			
Electrical	230V; 50 / 60 Hz; 2000VA; 16A (recommended external fuse)			
Cooling	Air-cooled			
Options	Energy Monitor			

[1] Measured at stabilized pulse energy and 200/500 Hz repetition rate.

ExciStar XS Performance at 193 nm



ExciStar XS Performance at 248 nm



Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice.

Coherent's scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

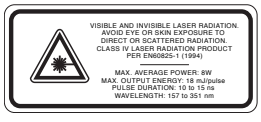
Coherent offers a limited warranty for all ExciStar XS lasers. For full details of this warranty coverage, please refer to the Service section at www.Coherent.com or contact your local Sales or Service Representative.

COHERENT®

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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