

ARTISAN®
TECHNOLOGY GROUP

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

Artisan Technology Group
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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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ExciStar™ S Technical Data

The power pack - ExciStar™ S

Laser Medium Wavelength	**F_2 157 nm**	**ArF 193 nm**	**KrF 248 nm**	**XeCl 308 nm**	**XeF 351 nm**	**F_2 157 nm**	**ArF 193 nm**	**KrF 248 nm**
Tube Design	CeraTube™					FutureTube™		
Preionization Technique	Corona Preionization							
Energy max.	1 mJ	8 mJ	18 mJ	8 mJ	8 mJ	1.5 mJ	8 mJ	18 mJ
Average Power max.								
ExciStar S-200	200 mW	1.5 W	3 W	1.5 W	1.5 W	200 mW	1.5 W	3 W
ExciStar S-500	500 mW	3.5 W	8 W	3.5 W	3.5 W	500 mW	3.5 W	8 W
ExciStar S-1000						1.2 W	7 W	16 W
Repetition Rate max.	200 Hz 500 Hz					200 Hz 500 Hz 1000 Hz		
Pulse Duration (FWHM)	10 ns					15 ns	12 ns	15 ns
Energy Stability	s < 2% (standard deviation)					s < 3% (standard deviation)		
Beam Dimensions	3x3mm	3x6 mm				3x3mm	3x6 mm	
Beam Divergence	< 1.5 x 1.5 mrad	< 1 x 2 mrad				< 1.5 x 1.5 mrad	< 1 x 2 mrad	
Weight	55 kg					60 kg		
Laser Tube Volume	2.1 Liter					3.4 Liter		
Gas pressure (absolute)	6000 hPa							
Dimensions (LxWxH)	650 mm x 460 mm x 295 mm							
Cooling	Air cooled (water cooling optional)							
Ambient Temperature	15° C to 32° C (59° F to 90° F), not condensing							
Electrical	100 V - 240 V, 50 Hz - 60 Hz, 1000 VA, 16 A, single phase					190 V - 240 V, 50 Hz - 60 Hz,		

2000 VA, 16 A,
single phase or two
phases

*All specifications are typical data and subject to change without notice in order to provide the best product possible

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.

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

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