



ARGENTO LUX

PRECISION MEETS POWER WITH OUR
INDUSTRIAL LASER SOLUTIONS



A-LUX 1000W-PW Water-Cooled

1000 WATT

PULSE WAVE

WATER COOLED

INDUSTRIAL PULSED LASER CLEANING SYSTEM

1000W PULSED LASER SYSTEM

High Output. Fine Control.



Water-cooled pulsed laser
cleaning performance
for any surface.



15m FIBER

30m FIBER

529 lbs

Water-Cooled Pulsed Platform • Unit Weight: 240 kg

HIGH OUTPUT. FINE CONTROL.

Introducing the Most Cost Effective, Efficient and Safe
Surface Treatment Solution for Industrial Applications

INDUSTRIES

Aerospace, Defense, Manufacturing, Marine, Automotive, Production and more. Every Industry is pressing for economical, efficient and environmentally conscious cleaning processes.

MATERIALS

- Steel
- Wood
- Ceramic
- Aluminum
- Brass
- Titanium
- Copper
- Concrete
- CFRP
- Metal Alloys
- Cast Iron
- Carbide
- Chrome
- Plastic
- Silicon

PROCESS APPLICATIONS

- Corrosion Clean
- Laser Cleaning
- Paint Stripping
- Weld Prep
- Surface Prep
- Degreasing
- Rust Removal
- Mold Removal
- Zinc Removal
- Oxide Removal

CONTACT US



www.argentolux.com

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Alvarado, TX

WATCH IT WORK!





A-LUX 1000W-PW

SYSTEM SPECIFICATIONS & SAFETY



OEM

SYSTEM SPECIFICATIONS

Power Output:	1000 Watt
Laser Safety Class:	Class IV
Wavelength:	1064 nm
Operating Mode:	Pulse Wave
Single Pulse Energy:	15/50 mJ
Fiber Lead Length:	15m / 30m Options
Laser Pattern:	8 Preset Patterns
Max Scan Width:	120mm / 4.7 in
Scan Head:	Dual Axis
Robotics Capable:	Robotics Integration Capable
User Interface:	7 in LCD Screen
Operational Voltage:	220-240VAC, 1PH, 30A, 60Hz
Unit Weight:	240kg / 529lbs
Operating Temp:	0C-40C / 32F-104F
Cooling System:	Built-In Water Chiller
Relative Humidity:	30-85% Non-condensing
Safety Features:	Emergency Stop, Key Switch

SAFETY FEATURES

Handheld laser cleaning machines are Class IV laser instruments that incorporate additional safety measures for easy and safe operation across all industries and work environments.

CHEMICAL FREE

NO BLASTING MEDIUMS

NO HAZARDOUS WASTE



SAFETY CONSIDERATIONS DURING OPERATION



1064 nm wavelength laser light emitted from this laser system is invisible and may be harmful to the human eye. Proper laser safety eyewear must be worn during operation.

Requirements beyond those listed herein will be quoted upon request. For assistance in determining which capabilities will best suit your needs, contact Argento Lux office or visit our website www.argentolux.com

21 CFR 1040.10 Compliance

This OEM product is a Class IV laser as designated by the CDRH and does not meet the full requirements as a stand-alone laser system as defined by 21 CFR 1040.10 under the Radiation Control for Health and Safety Act of 1968. It is the user responsibility to utilize all integrated safety features of the system to exploit as compliant with 21 CFR 1040.10

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