



Advanced Industrial Laser
Cleaning with Precision

NPL-300

300W AIR COOLED LASER CLEANING MACHINE



Safe and Efficient

No abrasives, no chemicals, no
secondary waste.

Versatile Applications

Clean substrates and parts with
different sizes, shapes & complexities.

User Friendly

Intuitive controls and lightweight
cleaning head for flexibility.

Highly Adaptable

Multiple scanning modes, adjustable
settings and focus indication.

INDUSTRIES

- Aerospace
- Art & Heritage
- Automotive
- Construction
- Defense
- Electronics
- Energy
- Food
- Manufacturing
- Medical Equipment
- Metal Processing
- Marine
- Structural
- Rail

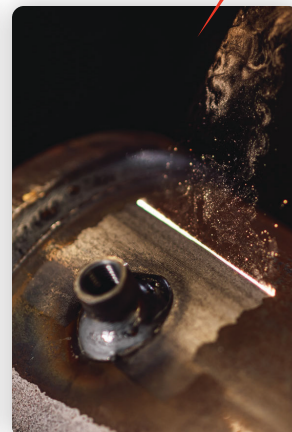
APPLICATIONS

- General Cleaning & Surface Decontamination
- Rust, Corrosion, Oxide, Paint & Coatings Removal
- Degreasing and Surface preparation
- Industrial Maintenance
- Pre & Post Welding treatment, NDI / NDT

Contact us today for a
free consultation.

NUWAVELASER.COM | (210) 987-5671

Nuwave NPL-300 Laser Cleaning Machine



SYSTEM SPECS

Max Power	300 W
Laser Safety Class	Class IV
Wavelength	1064 nm
Laser Type	Pulse Wave - Top Hat or Gaussian Beam
Single Pulse Energy	5 mj Top Hat / 1.5 mj Gaussian
Scan Mode	Dual Axis - 8 scan patterns
Max Scan Width	110 mm / 4.3 in
Cable Length	5 m / 16.4 ft
Equipment Weight	39 kg / 85 lbs
Equipment Dimensions	L: 27" x W: 16" x H: 22"
Operating Temperature	0-40 °C / 32-104 °F
Power Requirements	120 VAC ± 10%, 1-PH, 60 Hz
Power Consumption	≤1500 W @ 13.6 A @ 25 °C / 77 °F
Supply Air Pressure	60-85 psi, clean compressed air or Nitrogen
Cooling System	Air Cooled
External Control	Remote Capable
Safety Features	Double Activation, Enable Button, Emergency Stop

MATERIALS

- Aluminum
- Adhesive Residues
- Brick
- Brass
- Carbon Fiber
- Cast Iron
- Ceramics
- Concrete
- Copper
- Fiberglass
- Iron (Steel, Carbon Steel, Stainless Steel)
- Limestone
- Metal Alloys
- Metal Oxide Layers
- Mold Cleaning
- Mold Remediation
- Moss, Algae, and Biofilms
- Nickel
- Oil and Grease Residues
- Paint & Coatings
- Plastics
- Stone
- Titanium
- Wood
- Zinc

SPEAK WITH AN EXPERT TODAY

Contact us today for a consultation to optimize your operations.

NUWAVELASER.COM | (210) 987-5671



NUWAVE
LASER

All specifications, technical data, and statements about the product(s) in this document are preliminary and provided 'as is,' without warranty. Nuwave Laser makes no express or implied representations regarding the product(s) or their specifications. All information is subject to change.