

LASERSTAR® 300 WATT PULSE LASER CLEANING MACHINE

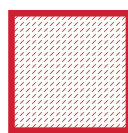
4104-M Series



★ HIGHLIGHTS

- ✓ Compact, Powerful, Portable Design
- ✓ 9 Precision Cleaning Patterns
- ✓ Modern Touchscreen Control w/ Memory Settings
- ✓ 300 Watt Pulse Fiber Air-Cooled Laser Source
- ✓ Comprehensive 1 Year Limited Warranty

LaserStar's 300 Watt Pulse MOPA Laser Cleaning Machine is an effective, high precision pulse laser cleaning machine engineered to emit rapid, high-intensity bursts of light that create micro-shockwaves to shatter coatings, making them ideal for delicate surfaces like wood, thin sheet metal, aluminum, and intricate engine parts. Its small, mobile design is great for easy storage, ideal for cleaning in tight areas, and safe to navigate in a busy work environment..



Remove Rust



Remove Paint



Remove Oil Stains

✓ Rust, Corrosion, Paint and Coating Removal

✓ Surface Preparation for Welding or Bonding

✓ Plastic & Rubber Mold Cleaning

✓ Oil, Grease and Oxide Layer Removal

✓ Artifact and Monument Cleaning

✓ Remove Graffiti, Mold and Mildew

✓ Microbial Cleaning / Sanitizing / Decontamination



LASERSTAR.NET



LASERSTAR ACADEMY™

Our education courses are designed to provide you with a solid foundation of fundamental laser skill sets to immediately gain a revenue impact with your new laser device.

LaserStarAcademy.com

Technical Specifications at www.LaserStar.net

LASERSTAR® 300 WATT PULSE LASER CLEANING MACHINE

4104-M Series



Wavelength	1064 nm
Average Output Power	>300 W
Cleaning Speed	≤ 4 m ² /h
Beam Quality M ²	1.5
Max. Pulse Energy	15 mJ
Scanning Method	Dual Axis Scanner
Scanning Frequency	0-130 Hz
Cleaning Speed	≤2 m ² /H
F-theta Lens	F254
Screen Size	7-inch
Cleaning Patterns	9 Types
Operating Temperature	0 - 40 °C
Storage Temperature	-10 ~ 60 °C
Cooling Method	Air Cooling
Dimensions	570 × 304 × 450 mm
System Weight	< 25 kg (55.1 lbs)
Warranty	Limited 1 Year Warranty

MOPA laser cleaning is effective on a wide range of materials and industries:

- Metal Surface Treatment
- High Precision Mold Cleaning
- Artifact & Monument Cleaning
- Automotive Industry
- Welding Surface Prep Cleaning
- Aerospace Industry
- Rubber Surface Texturing
- Marine Industry
- Wood Cleaning & Restoration
- Oil and Gas Industry
- Stone & Concrete Cleaning
- Plastic Injection Mold Industry
- Remove Organic Materials
- Tool, Die & Metal Fabrication
- Painted or Coated Surfaces
- Nuclear Decontamination



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