

# **LASERSTAR® BACKPACK LASER CLEANER+ENGRAVER**

4101-M Series



## ★ HIGHLIGHTS

- ✓ Robust Industrial Backpack (21lbs. / < 9.6kg)
- ✓ Lithium Battery Offers Maximum Mobility
- ✓ Dual Galvo Wand with LED Red Pointers & Lights
- ✓ Wireless Operator Interface Laser Control Device
- ✓ 120 Watt Air Cooled MOPA Fiber Laser

Laser Cleaning is effective on a wide range of materials and industries:

- |                              |                                   |
|------------------------------|-----------------------------------|
| ➤ Metals                     | ➤ Automotive Industry             |
| ➤ Stone                      | ➤ Aerospace Industry              |
| ➤ Glass                      | ➤ Marine Industry                 |
| ➤ Plastics                   | ➤ Oil and Gas Industry            |
| ➤ Rubber                     | ➤ Plastic Injection Mold Industry |
| ➤ Wood                       | ➤ Electronics / PCB Industry      |
| ➤ Ceramics                   | ➤ Tool, Die & Metal Fabrication   |
| ➤ Carbon-Fiber Polymers      | ➤ Medical Device Industry         |
| ➤ Fiber Glass Polymers       | ➤ Pharmaceutical Industry         |
| ➤ Painted or Coated Surfaces | ➤ Food Processing Industry        |
| ➤ Organic Materials          | ➤ Nuclear Decontamination         |

✓ Rust, Corrosion, Paint and Coating Removal

✓ Surface Preparation for Welding or Bonding

✓ Plastic & Rubber Mold Cleaning

✓ Oil, Grease and Oxide Layer Removal

✓ Deburring and Surface Texturing & Finishing

✓ PCB Cleaning / Anilox Print Roll Cleaning

✓ Microbial Cleaning / Sterilization / Decontamination



Laser cleaning is a versatile and effective technique for removing contaminants, coatings, or oxides from various materials. It is used across a wide range of industries due to its precision, efficiency, and minimal environmental impact.



## **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](http://LaserStarAcademy.com)

Technical Specifications at [www.LaserStar.net](http://www.LaserStar.net)

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| LASER WAVELENGTH | AVE. POWER | PULSE ENERGY | F-THETA LENS | SUPPLY CIRCUIT      | BATTERY        | OUTPUT FIBER LENGTH | WARRANTY |
|------------------|------------|--------------|--------------|---------------------|----------------|---------------------|----------|
| 1064nm           | 120 Watt   | 2mj          | 254 FS       | 100-240VAC, 1 Phase | Lithium Module | ≥1.5m               | 2 year   |

For More Technical Details Scan Here and Select the Desired Model:



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