Lasertronics 500i Laser Ablation System

Operator’s choice:
Strip top coat to primer
Or strip to substrate

The 500i features:

- 4” wide tool swath with closed-loop color selective stripping
- Optional confined space tool with closed-loop safety controls
- Robotic or handheld usage
- Quick-disconnect umbilical-to-tool interface
- 50+ meter umbilical connects laser to tool
- Optional waste collection - captures all detectable chromium(VI)
- Rugged, compact laser system for industrial / hangar environments
- Modern, compact air-cooled laser for reliability and portability
- Double shielding for Class IV laser safety compliance
- FAA approvals for metal aircraft • USAF approval for flight line use
  • US Navy approval for fiberglass/composite rotor blades

Contact: General Lasertronics Corporation  408-947-1181
www.lasertronics.com
Lasertronics 500i Laser Ablation System Specifications and Options

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength</td>
<td>1064 nm</td>
</tr>
<tr>
<td>Average Power</td>
<td>500 W</td>
</tr>
<tr>
<td>Pulse Energy</td>
<td>50 mJ</td>
</tr>
<tr>
<td>Pulse Rep Rate</td>
<td>10 kHz</td>
</tr>
<tr>
<td>Power Supply Voltage</td>
<td>208 VAC 3 Phase</td>
</tr>
<tr>
<td>Current Requirement</td>
<td>15 A</td>
</tr>
<tr>
<td>Umbilical Length</td>
<td>10 – 50 meters</td>
</tr>
<tr>
<td>Laser Cabinet Weight</td>
<td>300 pounds</td>
</tr>
</tbody>
</table>

500i Ablation System
- Compact & portable
- Air cooled
- Industrial reliability
- Low maintenance
- Optional integrated waste collection
- 50+ meter umbilical connects laser to workhead
- Caster mounted
- Optional weatherproofing

Type H Tool
- Confined space access
- Substrate safety cutoff
- Small and lightweight
- Quick disconnect

Type S Tool
- 4 inch swath
- 3 axis scanning
- Color-selective stripping
- Integrated waste collection
- Quick disconnect

Easy access for maintenance
- Umbilical quick disconnect
- Replaceable HEPA filter
- Preventive checks

Automated Ablation Systems
- 4 inch swath per 500 W laser
- Color-selective stripping
- Integrated waste collection
- Multi-laser option (3 shown)