Available in 10, 30 and 50 watt configurations, SABRE® can mark substrates like wood, glass, plexiglass, quartz, ceramics, even fabrics and other organic materials.

**FEATURES**
- Unique, Single Rail Design for Easy Alignment and Increased Power
- Compact Marking Head with Two Piece Cover and Simple Mounting System
- Hand Held Pendant for Convenient Remote Operation
- Co-Axial Red Pointer Diode for Pin Point Marking Alignment
- TELESIS DESIGNED Fixed Beam Expansion and Shutter Assembly
- DETACHABLE 6' Laser End Umbilical Cable
- Air-cooled — No External DI Water Needed
- Keyswitch, E-Stop Manual Safety Shutter and Emission Light

*All Marking Head Components and Assembly Warranted for One Year*

**SPECIFICATIONS**
- Compliance .............................................. CDRH, CE, UID
- Laser Type ........................................... CO₂, Self-contained
- Wavelength ........................................... 10.6 Micrometers
- Wattage ................................................. 10W, 30W, 50W
- Control .................................................... Proprietary Laser Controller
- Computer .............................................. Pentium® III 128 Mb RAM [minimum]
  Multi-gigabyte HDD Video, Sound Card, CD-ROM and 3.5" Floppy Disk Drive, SVGA Monitor, Mouse and Keyboard
- Operating System ......................... Windows® NT or Windows® 2000
- Operator Interface ......................... Graphical User Interface [proprietary]
- Marking Alignment ............................... Coaxial Red Diode
- Safety ....................................................... Interlocked Safety Shutter, Emission Light, Keyswitch, Emergency Stop Palm Button
- Electrical ............................................. 110 Volts, Single Phase
- Cooling ...................................................... Air Cooled
- Environmental ................................. 10° C to 25° C, 90% Relative Humidity — Non-Condensing

Features DATA MATRIX™ 2-D Code Marking Capability — Meets all Department of Defense UID Requirements

**DIMENSIONS**
- Controller ........................................... 17" W x 7" H x 20" D
- Laser [30W] ........................................ 5.83" W x 8.2" H x 38.5" L
- Laser [50W] ........................................ 5.8" W x 8.2" H x 50" L
- Umbilical Length .................................... 6 Feet [detachable]

**LENS CONFIGURATIONS AVAILABLE**

<table>
<thead>
<tr>
<th>Focal Length</th>
<th>Marking Field</th>
<th>Work Clearance</th>
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<tbody>
<tr>
<td>100mm</td>
<td>70mm x 70mm</td>
<td>(2.7&quot; x 2.7&quot;)</td>
</tr>
<tr>
<td>150mm</td>
<td>100mm x 100mm</td>
<td>(4.0&quot; x 4.0&quot;)</td>
</tr>
<tr>
<td>200mm</td>
<td>140mm x 140mm</td>
<td>(5.5&quot; x 5.5&quot;)</td>
</tr>
<tr>
<td>* 250mm</td>
<td>170mm x 170mm</td>
<td>(6.6&quot; x 6.6&quot;)</td>
</tr>
<tr>
<td>* 300mm</td>
<td>205mm x 205mm</td>
<td>(8.0&quot; x 8.0&quot;)</td>
</tr>
<tr>
<td>* 360mm</td>
<td>250mm x 250mm</td>
<td>(9.8&quot; x 9.8&quot;)</td>
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<tr>
<td></td>
<td></td>
<td>(Application dependent)</td>
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Sabre® 50 Watt CO₂ Laser
Small Laser Controller and Unique, Dual Function Control Pendant