EasyMark/EasyJewel

Versatile Desktop Laser Marker

The EasyMark series is one of the most compact laser marking systems on the market. With its innovative and flexible housing design, the EasyMark can be adjusted precisely to individual applications – as well as being readily integrated into production lines as a Class 4 laser system. The supply and control units and the working chamber are designed as separate modules. The EasyMark is the laser marking solution for various production environments (semi and fully automated production), a wide range of applications and most different materials.

FEATURES & BENEFITS

• Easy operation due to graphical user interface
• Spacious working chamber
• Low maintenance and service costs
• Applications: marking, annealing, engraving, deep engraving, cutting

OPTIONS

• EasyJewel configuration
• Camera viewing systems for process optimization
• Rotation axis with up to 40 RPM and positioning accuracy 0.05°
• Exhaust unit including remote start and control
• And more beneficial options
## OPTICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>EasyMark F 20 Varia</th>
<th>EasyMark F 20</th>
<th>EasyMark F 50</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Fiber</td>
<td>Fiber</td>
<td>Fiber</td>
</tr>
<tr>
<td><strong>Wavelength (nm)</strong></td>
<td>1064</td>
<td>1070 ±5</td>
<td>1070 ±5</td>
</tr>
<tr>
<td><strong>Pulse Frequency (kHz)</strong></td>
<td>1.6 to 1000</td>
<td>20 to 100</td>
<td>50 to 200</td>
</tr>
<tr>
<td><strong>Pulse Width (ns)</strong></td>
<td>4 to 200</td>
<td>100</td>
<td>120</td>
</tr>
<tr>
<td><strong>Nominal Power (W)</strong></td>
<td>&gt;18</td>
<td>&gt;18</td>
<td>&gt;48</td>
</tr>
<tr>
<td><strong>Pilot Laser (nm)</strong></td>
<td></td>
<td>660</td>
<td></td>
</tr>
</tbody>
</table>

### Z-AXIS

- **Travel**: 120 mm (4.72 in.)

### WORKING CHAMBER

- **Part Size**: 300 x 200 x 120 mm (11.8 x 7.9 x 4.7 in.)
- **Maximum Marking Area 160 mm Objective**: 120 x 120 mm (4.7 x 4.7 in.)

### UTILITY

- **Electrical (VAC)**: 100 to 240 ±10%
- **Frequency (Hz)**: 50/60
- **Operating Power (W)**: 400 (max.)

### ENVIRONMENTAL

- **Operational Temperature**: +15 to +35°C (+59 to +95°F)

### DIMENSIONS

- **Housing (L x W x H) 160 mm Objective**: 770 x 540 x 750 mm (30.3 x 21.3 x 29.5 in.)
- **Weight**: 87 kg (192 lbs.)

### APPLICATIONS

![Applications Images]
JEWELRY CONFIGURATION

RMM: Ring Marking Module
- Unique, smart ring fixture

OTF: On-The-Fly Marking
- Perfect deep engraving on rings

Camera with SmartView
- Positioning is supported by integrated camera

Easy GUI
- Set-up of engraving jobs is supported by a software interface to make it easy to use
MECHANICAL SPECIFICATIONS

EasyMark/EasyJewel

Front View

Side View

Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice.

Coherent offers a limited warranty for all EasyMark/EasyJewel Laser Markers. For full details of this warranty coverage, please refer to the Service section at www.coherent.com or contact your local Sales or Service Representative.

MC-003-18-00011SRvB Copyright ©2019 Coherent, Inc.