

EasyMark/ EasyJewel

Versatile Desktop
Laser Marker

The EasyMark series is one of the most compact laser marking systems on the market. By offering a choice of different performance classes and designs, the EasyMark solves a wide range of applications on diverse materials. It is controlled via the Coherent marking software Visual Laser Marker (VLM) in conjunction with an easy-to-use interface.

Features and Benefits

- Easy operation thanks to user-friendly graphical user interface
- Spacious working chamber
- Low maintenance and service costs

EasyJewel Package

- Ring Marking module RMM
- SmartView™ camera positioning
- On-The-Fly engraving

Options

- XL-Version
- Camera viewing systems
- Rotation axis
- Exhaust unit including remote start
- 3D engraving

Applications

- Marking
- Annealing
- Engraving
- Deep Engraving
- Cutting



OPTICAL SPECIFICATIONS

	EasyMark F 20 Varia	EasyMark F 20	EasyMark F 50
Type	Fiber	Fiber	Fiber
Wavelength (nm)	1064	1070 ±5	1070 ±5
Pulse Frequency (kHz)	1.6 to 1000	20 to 100	50 to 200
Pulse Width (ns)	4 to 200	100	120
Nominal Power (W)	>18	>18	>48
Pilot Laser (nm)		660	

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.)

255 mm (XL-Version only)

180 x 180 mm (7.1 x 7.1 in.)

350 mm (XL-Version only)

240 x 240 mm (9.45 x 9.45 in.)

UTILITY

Electrical (VAC) 100/240 ±10%

Frequency (Hz) 50/60

Operating Power (W) 400 (max.) 400 (max.) 600 (max.)

ENVIRONMENTAL

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

DIMENSIONS

Housing (L x W x H)

EasyMark Standard

770 x 540 x 750 mm (30.3 x 21.3 x 29.5 in.)

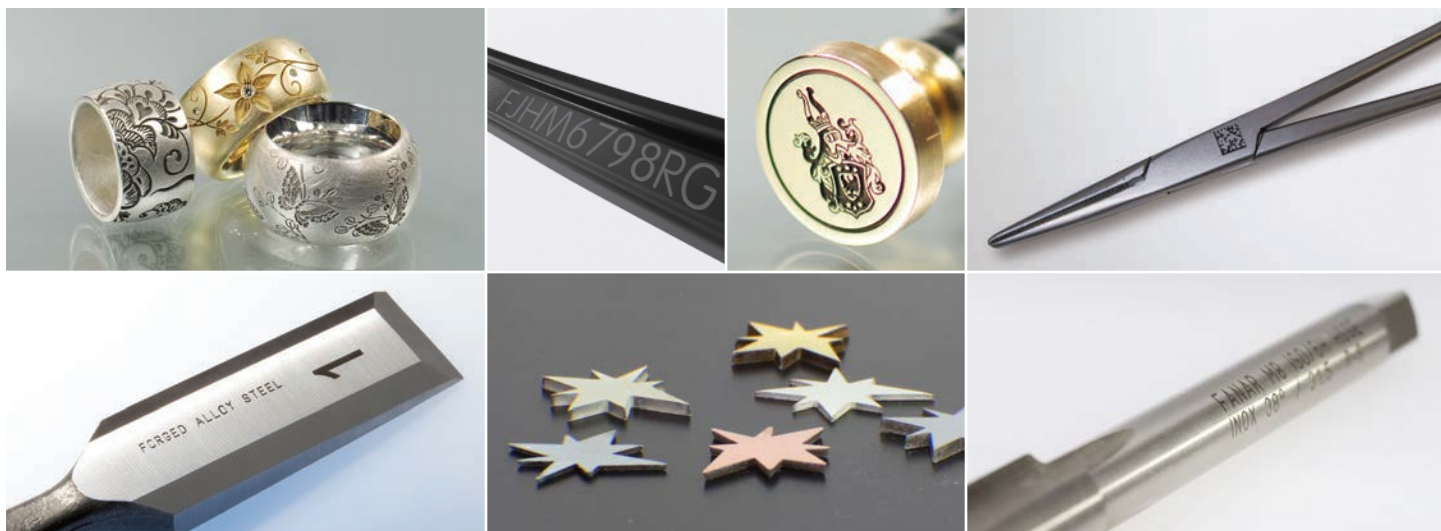
EasyMark XL-Version

770 x 540 x 940 mm (30.3 x 21.3 x 37.0 in.)

Weight

87 kg (192 lbs.)

APPLICATIONS



FEATURES



Rotary Axis

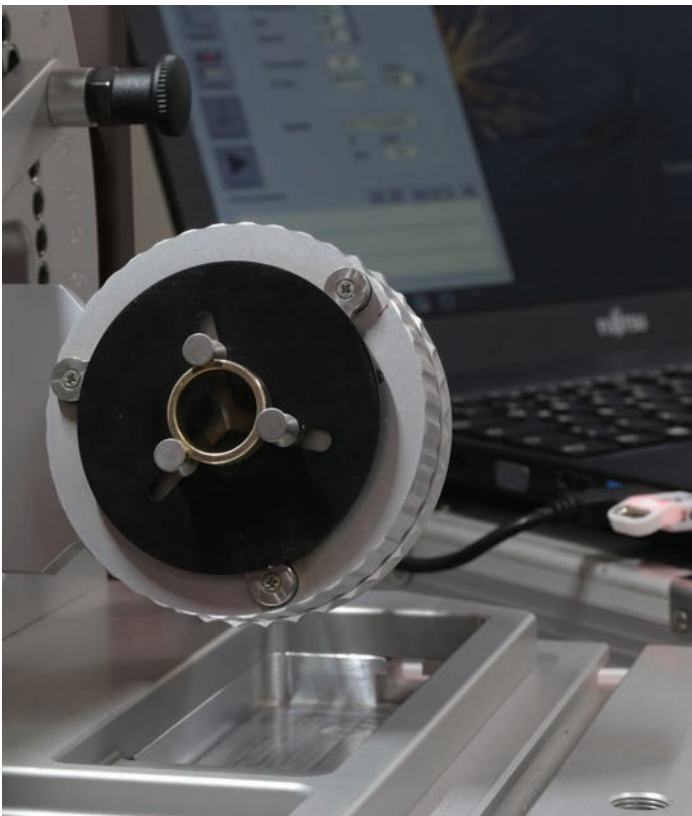
- All-around marking made easy
- Synchronized rotation to mark cylindrical workpieces
- Easy set-up, plug-and-play

SmartView™

- Camera assisted workpiece alignment
- Hit the workpiece precisely every time
- Perfect and easy alignment

3D Engraving Package

- LaserSuite software package
- Step-by-step to a distortion free high resolution 3D relief



JEWELRY CONFIGURATION

RMM: Ring Marking Module

- Unique, smart ring fixture for quick and easy inside or outside clamping

OTF: On-The-Fly Marking

- Perfect deep-engraving all around on rings

Camera with SmartView™

- Positioning is supported by integrated camera

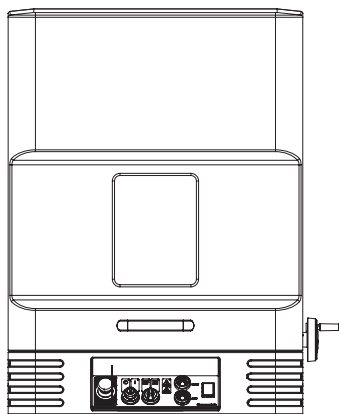
EasyGUI

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

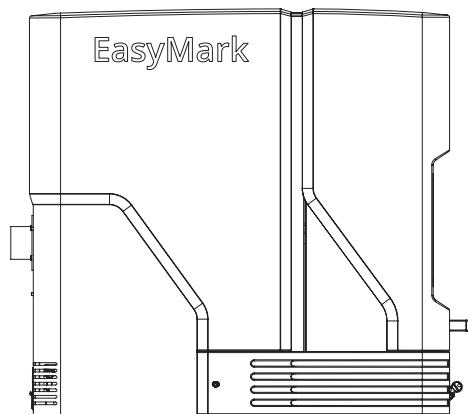
MECHANICAL SPECIFICATIONS

EasyMark/
EasyJewel

Front View

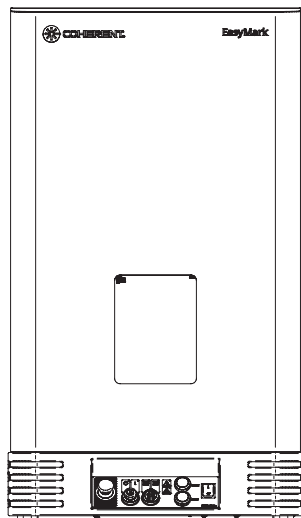


Side View

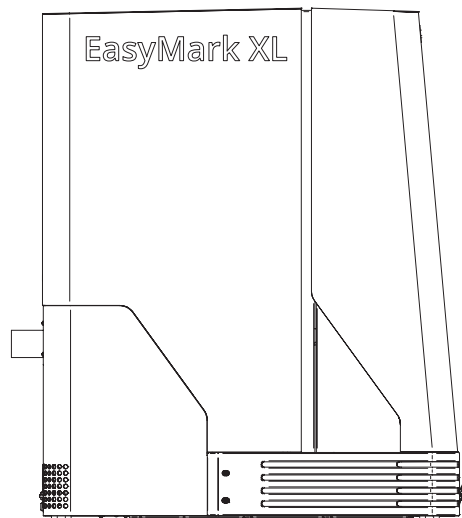


EasyMark/
EasyJewel XL

Front View



Side View



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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.

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