



# ExactMark 210

## Versatile Laser Marking Machine Combines Economy and Performance

The ExactMark 210 is a flexible marking machine that provides the features and performance of larger and much more costly marking systems in a compact and easy-to-use platform. It is ideal for marking small to medium batch sizes of Machine Tools, Consumables, Medical Devices, and Electrical Components. Because it is available with a choice of IR (1064 nm), green (532 nm) or UV (355 nm) lasers, the ExactMark 210 can be configured to produce sharp, high-contrast marks on nearly any material. An optional integrated vision system and simple user interface eliminates operator subjectivity and delivers excellent results every time.



### FEATURES

- Available with PowerLine E, PowerLine E Air, PowerLine F
- Various marking field sizes for single parts or trays, e.g., JEDEC
- Simple user interface for creation of recipes and job execution
- Up to two axes of motion – including support for marking on-the-fly
- Optional integrated TTL vision system to automate part alignment
- Optional on-demand exhaust system minimizes power consumption and acoustic noise

### APPLICATIONS

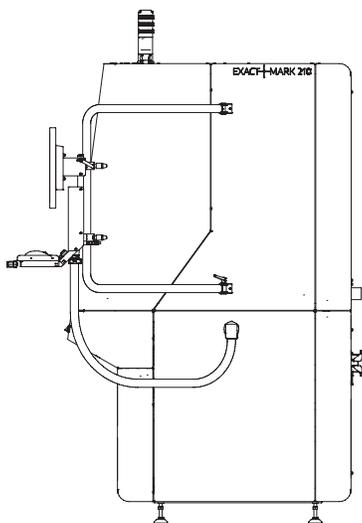
- Medical Devices and Instruments
- Machine Tools
- Consumer Goods
- Electrical Components

<b>SIZE &amp; WEIGHT</b>		<b>ExactMark 210</b>
Width		
without monitor arm		700 mm (27.56 in.)
max. with monitor arm		1780 mm (70.08 in.)
Depth		
with rear extension		1197 mm (47.13 in.) 1500 mm (59.06 in.)
Height		
with signal pillar		1940 mm (76.38 in.) 2170 mm (85.43 in.)
with open front door		2250 mm (88.58 in.)
Weight (max.)		500 kg (1102.31 lbs.)
<b>AREA NECESSARY</b>		
Depth		1600 mm (62.99 in.)
Width		1800 mm (70.87 in.)
Height		approx. 2500 mm (98.43 in.)
Area (m <sup>2</sup> )		3
<b>POSITIONING LINEAR AXIS</b>		
Z - axis		300 mm (11.81 in.)
X - axis		200 mm (7.87 in.), optional
W - rotary axis		optional
<b>MAXIMUM WEIGHT OF WORK PIECE</b>		
Max. Weight of Work Piece (incl. fixture)		30 kg (66.14 lbs.) (on baseplate)
<b>ELECTRICITY</b>		
Input Fuse (A)		16
Nominal Voltage (V)		230 (±10%); (1P / N / PE)
Nominal Frequency (Hz)		50/60; neutral conductor loaded
Power Input (kVA)		1.4 (at 50 Hz)
Supply Line		2-pin CEE 7/4 plug; Type F; 3 x 1.5 mm <sup>2</sup> (P/N/PE)
<b>PNEUMATIC PROVISION</b>		
Media		Filtered compressed air, not oily
Working Pressure		6 bar max.
Temperature Range		-10 to +60°C (14 to 140°F)
Connection Diameter		6 mm (0.24 in.)
<b>LASER SAFETY CLASS</b>		
Laser Safety Class 1 according to EN (IEC) 60825-1:2014		

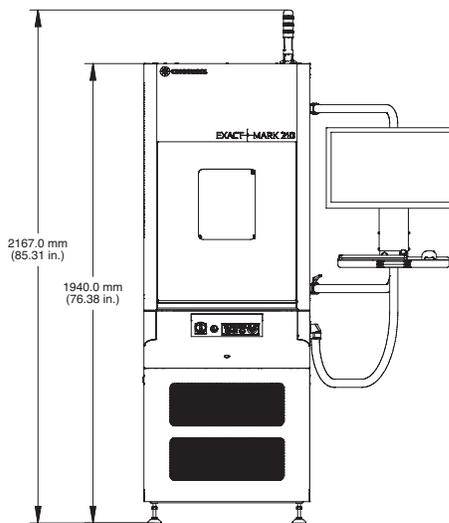
## MECHANICAL SPECIFICATIONS

### ExactMark 210

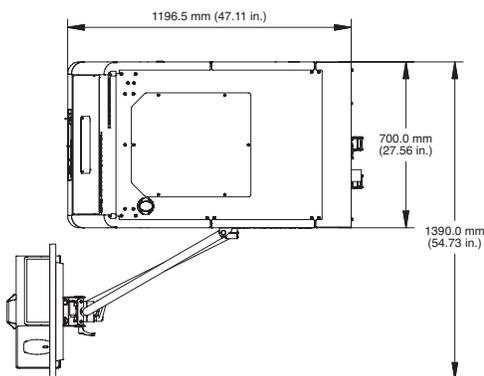
Side View



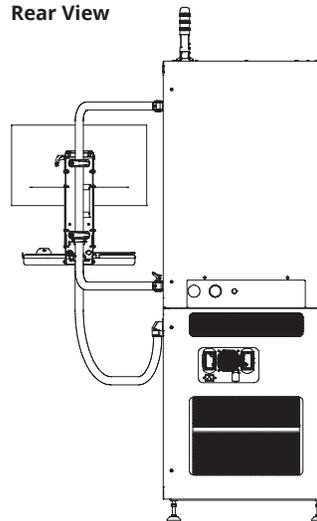
Front View



Top View



Rear View



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Coherent follows a policy of continuous product improvement. Specifications are subject to change without notice. Coherent's scientific and industrial lasers are certified to comply with the Federal Regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health on all systems ordered for shipment after August 2, 1976.

Coherent offers a limited warranty for all ExactMark 210 Laser Marking Systems. For full details of this warranty coverage, please refer to the Service section at [www.coherent.com](http://www.coherent.com) or contact your local Sales or Service Representative. MC-003-21-0M0221 Copyright ©2021 Coherent, Inc.