

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

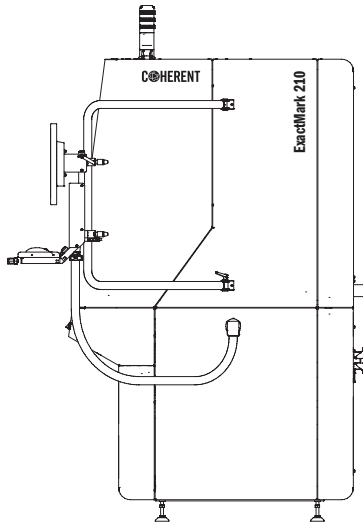
- Medical Devices and Instruments
- Machine Tools
- Consumer Goods
- Electrical Components

Specifications		ExactMark 210
Width		
without monitor arm		700 mm (27.56 in.)
max. with monitor arm		1780 mm (70.08 in.)
Depth		1197 mm (47.13 in.)
with rear extension		1500 mm (59.06 in.)
Height		1940 mm (76.38 in.)
with signal pillar		2170 mm (85.43 in.)
with open front door		2250 mm (88.58 in.)
Weight (max.)		500 kg (1102.31 lbs.)
Area Necessary		
Depth		1600 mm (62.99 in.)
Width		1800 mm (70.87 in.)
Height		approx. 2500 mm (98.43 in.)
Area (m ²)		3
Positioning Linear Axis		
Z - Axis		300 mm (11.81 in.)
X - Axis		200 mm (7.87 in.), optional
W - Rotary Axis		optional
Maximum Weight of Work Piece		
Max. Weight of Work Piece (including fixture)		30 kg (66.14 lbs.) (on baseplate)
Electricity		
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 ² (P/N/PE)
Pneumatic Provision		
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.)
Laser Safety Class		
Laser Safety Class 1 according to EN (IEC) 60825-1:2014		

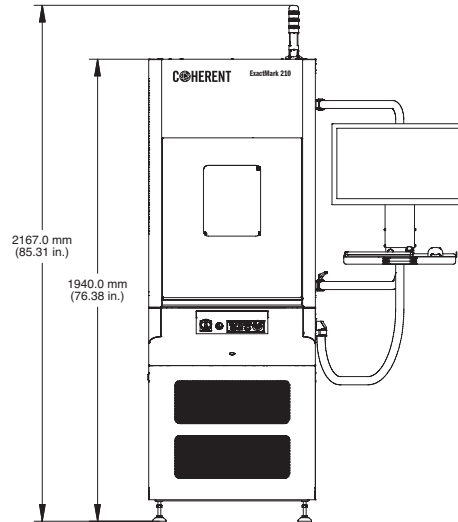
Mechanical Specifications

ExactMark 210

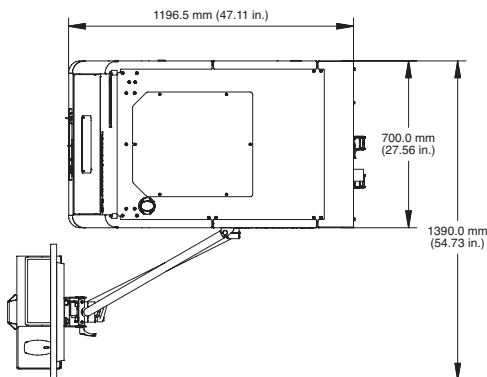
Side View



Front View



Top View



Rear View

