

MarkMate Laser



Desktop Laser

A bench-top and fully programmable laser marking machine in a simple to use, space saving package. Can be used on a variety of materials for precise, permanent marks.

Applications Include:

- Programmable Marking • Component Identification • Component Traceability • Serial Numbering
- Logo Marking • Security Marking • Health & Safety Appliance Marking • Certification Marking
- Decorative Trophy & Award Marking • Time & Date Marking • Part Numbering
- Batch & Shift Coding • Calibration Systems • Label & Tag Marking

TECHNICAL SPECIFICATIONS

Marking Area	70mm x 70mm (Standard), 100mm x 100mm (Optional Upgrade)
Pulse Energy	0.7mJ
Average Power	~18.5W
Beam Quality M2	1.3
Polarization	Random
Power Adjustment	5-100%
Pulse Duration @ 20KHz	~85ns
Repetition Rate	30 KHz to 60KHz
Operating Temp.	32°F to 107.6°F (0°C to 42°C)
Cooling	Active Air Cooling
Fiber Optic	2.5m
Power	Less Than 200W – 110 or 220 VAC
Dimensions	623mm (H) x 456mm (W) x 507mm (D)



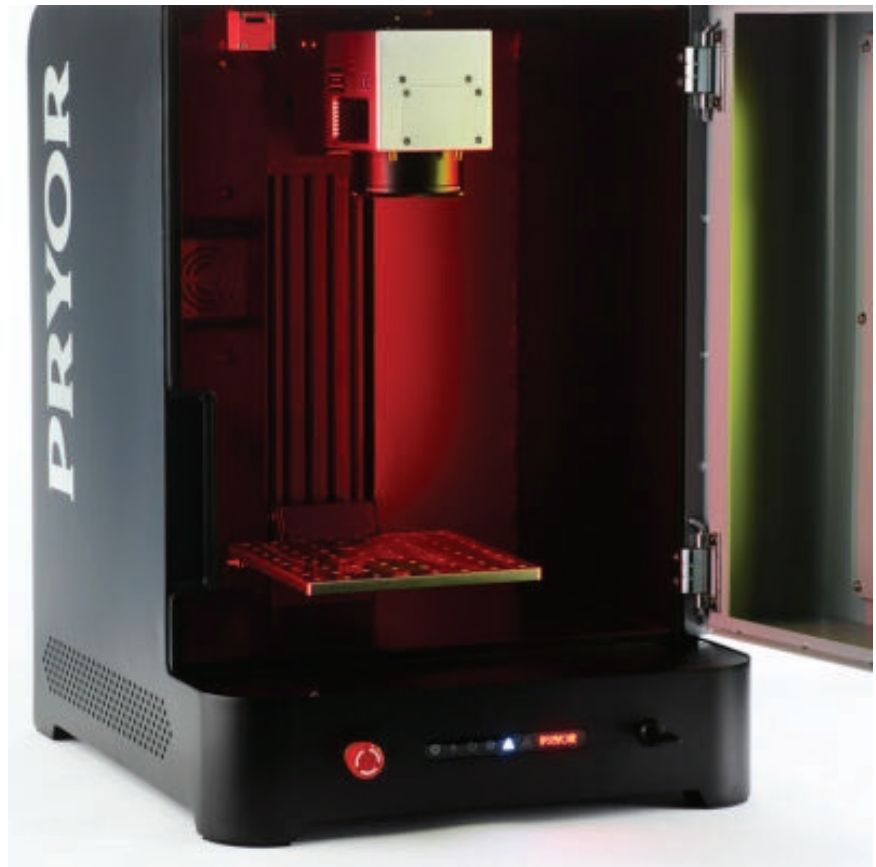
Versatile

Engineered with cutting-edge technology and user friendly features, the MarkMate Laser is designed to meet the demands of a variety of marking applications with incredible accuracy and speed.

At the heart of the MarkMate Laser is a fiber laser capable of delivering crisp, permanent marks on a wide range of materials including metals, coated metals, plastics, ceramics, and more. Whether you need to engrave serial numbers, logos, bar codes, or intricate designs, the MarkMate Laser offers exceptional versatility and precision to meet your marking needs.

Compact

Its compact, desktop design makes it ideal for space-constrained environments, while still offering ample workspace for marking various sized parts & items. Maximum part width is 422mm. Maximum part depth is 388mm. Maximum Z height for 70 x 70 is 199mm, 100mm x 100mm is 125mm.



When identification is critical for traceability or product impact, a quality mark is required. Monode combines creative engineering with a full range of marking solutions to meet your needs. Over a half-century of progress as a trusted "parts marking problem solver" ...that's Monode!



**Quality Marking Equipment with
Integrated Machine Vision Solutions**