

MAKE A LASTING MARK

GeoMARK *Pro* *



The class I **GeoMARK Pro** features a 20-watt laser and a 163mm lens with an extended frequency range and high-speed scanning. Precise control software, touchscreen controls and a powered door—all standard. If you need more power (30 or 50 watts) or a larger marking field size (254 or 330 lens), both are available.



SYSTEM FEATURES

- Class I Certified Enclosure
- Advanced Fiber Laser
- 11"x 11" Viewing Window
- Aiming Pointer
- Work Light
- LCD Touchscreen Controls
- Filtered Forced Air Cooling
- Fume Extractor Port
- 2 Year Warranty
- Includes Desktop PC, Monitor, Keyboard, and Mouse

LASER APPLICATIONS

- Annealing
- Heat Marks / Dark Marks
- Etching / Ablation
- Deep Engraving
- Discoloration / Foaming
- Carbon Migration

LASER SOFTWARE

Easy to use windows based software makes creating layouts, text and importing images a breeze. Generates 1D barcodes, 2D data matrices, and QR codes. Easily implement serialization and date/time codes. Adjust marking power, speed and laser frequency.

LASER MARKING



TECHNICAL SPECIFICATIONS

Dimension (W x D x H)	36" x 30" x 39"
Power Input	110v - 3 connections required (laser, PC, & monitor), 4 connections with a fume extractor
Required Compressed Air	80 PSI
Power (Watt)	20 watts (30 or 50 available)
Central Wavelength	1064 nm
Laser Type	Q-Switched Ytterbium Fiber
Lens Size	163 mm (254 or 330 available)
Marking Field (mm)	110mm x 110mm (170x170mm or 228x228mm)
Laser Working Distance	185 mm
Max Marking Surface Height	11.8 inches
Max Part Size	22" x 19" x 11.8"
Frequency Range	2-200 kHz
Scan Speed	<=20,000 mm/s
X/Y Movement	Mirror galvanometer
Z-Axis Control	Manual Hand-wheel (powered available)
Cooling	Air Cooled
Operating Ambient Temp	40-100 F
Control Panel Buttons	LCD Touchscreen, Start, Stop, Emergency Stop
Operating System	Windows 10
Accessories (non-stock)	Fume extractor, powered & programmable z-axis, barcode reader, rotary device for round parts.
Connections	1x Ethernet
	4x USB 3.0
	2x USB 2.0
	1x Display Port
	1x HDMI