MAKE A LASTING MARK

GeoMARK Pro

The GeoMARK Pro features a 20-watt laser and a 163mm lens with an extended frequency range and high-speed scanning. Precise software, touchscreen controls, and a powered door are all standard.

Options include a 254 and 330 lens for a larger marking field, as well as 30- and 50-watt options for more marking power.

FEATURES

- 20, 30, and 50-Watt Laser Options
- 163mm, 254mm, and 330mm Lens Options
- Benchtop Design (Mobile Cart Optional)
- 11" x 11" Viewing Window
- Powered, Programmable Z-Axis
- 2-Year Warranty

APPLICATIONS

- Annealing
- Carbon Migration
- Heat Marks / Dark Marks
- Etching / Ablation
- Deep Engraving
- Discoloration / Foaming (For Plastics)

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.
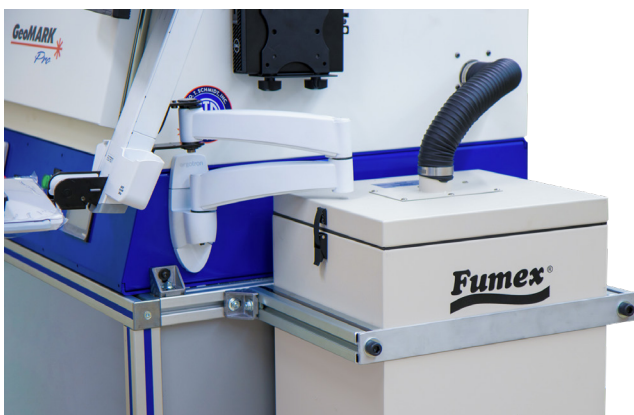
MACHINE SPECIFICATIONS

Dimensions (W x D x H)	36" X 30" X 39"
Required Compressed Air	80 PSI 2 CFM
Power Input	110v - 3 connections required (laser, PC, and monitor), 4 connections with a fume extractor
Z-Axis Control	Powered, programmable (manual available)
Control Panel Buttons	LCD touchscreen, start, stop, emergency stop
Computer And Operating System	PC with Windows 11. Monitor, keyboard, and mouse included.
FDA Classification	Certified class I laser enclosure

LASER SPECIFICATIONS

Laser Source	Q-Switched Ytterbium Fiber		
Central Wavelength	1064nm		
Power Wattage Options	20, 30, and, 50 watts		
Lens Size Options	163mm	254mm	330mm
Marking Field	110mm x 110mm	170mm x 170mm	230mm x 230mm
Focal Distance (approximate)	183mm	285mm	386mm
Max Part Height	11.8"	7.8"	3.8"
Frequency Range	2 - 200kHz		

OPTIONS AND ACCESSORIES

- Mobile Cart
- Swing Arm
- Shuttlefeed
- Fume Extractor
- Barcode Reader
- Rotary Device
- Light Curtains
- Custom Fixturing