

GeoMARK *EcoPlus*

The *GeoMARK EcoPlus* is a powerful and affordable Class I marking laser. It has many of the same features as the GeoMARK Eco, including a 20-watt fiber laser, compact size, and touchscreen PC, but with the added benefit of being safe to operate in any work environment thanks to its certified Class I enclosure.



LASER APPLICATIONS

- Ablation
- Etching
- Deep Engraving
- Discoloration
- Foaming

LASER FEATURES

- Class I certified enclosure
- 20-Watt Fiber Laser
- Compact and Portable Design
- Touchscreen PC on Swing Arm
- 1 Year Warranty
- Ethernet & Serial Port Connection
- Integration of Excel and SQL Data

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)	29" x 28" x 28.375"
Power Input	110V-240VAC 50/60Hz (2 Connections)
Power (Watt)	20 watts
Central Wavelength	1064 nm
Laser Type	Q-Switched Ytterbium Fiber
Lens Size	163 mm
Marking Field (mm)	100 mm x 100 mm
Laser Working Distance	182 mm
Max Marking Surface Height	11.3 inches
Max Part Size	18" x 12 3/4" x 11 3/8"
Frequency Range	25-60 kHz
Scan Speed	<=10,000 mm/s
X/Y Movement	Mirror galvanometer
Z-Axis Control	Manual Hand Wheel
Cooling	Air Cooled
Operating Ambient Temp	40-100 F
Control Panel Buttons	Power key switch, Emergency Stop
Operating System	Windows 7
Safety Requirements	Safety Goggles, 1 pair included
Accessories (non-stock)	Fume Extractor, Barcode Reader
Connections	1x Ethernet
	4x USB 2.0
	2x Serial Port
	1x VGA
	1x HDMI