

GL Series



# Vytek

VYTEK LASER MARKING SYSTEMS

Whether you are marking graphics, text, bar codes, serial numbers, or a combination, GL Series High Speed Laser Marking Systems will handle the job quickly and accurately.

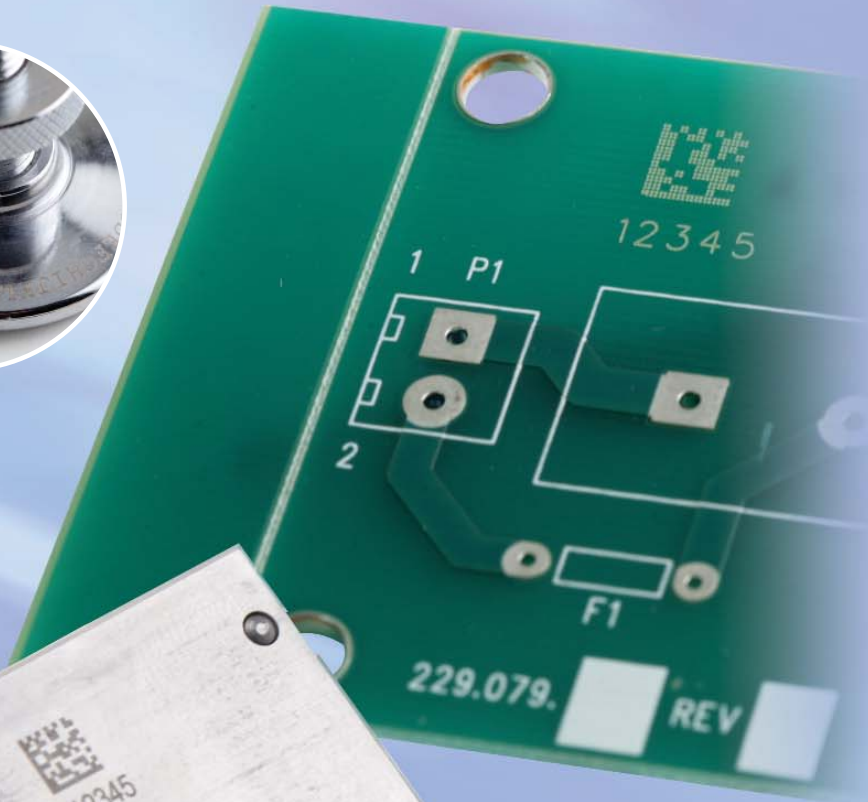


## Free Vytek Engineering Evaluation - The Proof is In the Pudding



Send sample workpieces to Vytek for testing and engineering review. Vytek will:

- Laser mark or engrave your workpiece for your review
- Comment on observed results
- Estimate processing speed and throughput
- Offer suggestions intended to optimize performance.



## Permanent Precision Marking



**The GL Series galvo-based marking system offers precision, high speed, vector and raster marking with a coaxial pointer beam. Additional benefits include:**

- Fiber Laser (1070nm) Version for Metals, Plastics, Ceramics, and Other Hard-Surfaced Materials
- CO2 Laser Version for Anodized Metals, Glass, Textiles, Labels, Wood, and Most Organic Materials
- Wide Selection Of Working Field / Spot Size Combinations
- Turnkey Solution, or a Building-Block User-Installed System





**Suitable for steel, aluminum, titanium, anodized metals, plastics, silicon, glass, ceramics, textiles, wood, labels, and other hard surface and organic materials.**

**Available in two laser configurations:**

Fiber laser (1070nm) & CO2 laser (10.6micron)

GL Series laser marking systems produce permanent, high contrast, precision marks on a large variety of materials.

Each system optimizes laser marking speed, maximizing throughput and achieving lower costs.




**Give us a call at 978-342-9800 to initiate your free Vyteck Engineering Evaluation.**



**GL Series**

**DANGER**

LASER RADIATION-AVOID EYE  
OR SKIN EXPOSURE TO DIRECT  
OR SCATTERED RADIATION



CO<sub>2</sub> LASER  
(AND OPTIONAL LASER DIODE)  
WAVELENGTH: 10.6 μ (630-680 nm DIODE)  
MAX. OUTPUT: 150 W (5 mW DIODE)  
CLASS IV LASER  
Yb: FIBER LASER / Pulse duration : 40ns/Wavelength:  
1060nm / Maximum output : 150w

## GL Series System Specifications

### Available Lasers

Fiber Laser	CO <sub>2</sub> Laser
Ytterbium fiber (1070nm)	10W to 100W average power
Q-switched (pulsed)	
10W or 20W average power	

### Available Marking Fields

Fiber Laser Configurations	CO <sub>2</sub> Laser Configurations
70mm x 70mm (2.75" x 2.75")	70mm x 70mm (2.75" x 2.75")
120mm x 120mm (4.72" x 4.72")	105mm x 105mm (4.1" x 4.1")
180mm x 180mm (7" x 7")	140mm x 140mm (5.5" x 5.5")
280mm x 280mm (11" x 11")	210mm x 210mm (8.2" x 8.2")
	280mm x 280mm (11" x 11")

System	Drive Type	Writing Speed	System Compatibility
	Galvo-based Scan Head	Up to 5000 mm/sec	Windows 2000, XP
Dimensions	Depth	Width	Height
	(1067 mm) 42"	(406 mm) 16"	(1092 mm) 43"

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**GL Series  
Laser System**



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