

LaserSharp® marking

High speed, high resolution laser marking

DESCRIPTION

Powered by LasX's core engine for material processing — the LaserSharp® Processing Module (LPM) and our intuitive LightGuide® operator software, LasX's high-speed, high resolution laser marking technology optimizes consumer packaging production —reducing WIP and streamlining disparate processes with a continuous digital workflow.

KEY FEATURES

- Fastest processing speeds on the market
- Architecture optimized for production automation
- Patented laser control technology
- Order-of-one changeover
- Integration services available
- ClearCut® service & support eligible



TECHNICAL DATA

LPM2-GN-60

Laser	Green Pulsed
Max Average Power	60W
Laser Cooling	Water-cooled
Beam Output	Steered beam
Mean Time to Repair	20,000 hours
Laser Wavelength	532 nm
Lens Working Distance	279 mm
Typical Laser Processing Area	250mm x 250 mm
I/O Connectivity	Ethernet/IP; Modbus TCP/IP
User Interface Software	LightGuide®
Embedded Controller	LasX Proton λ
Computer Hardware Requirements	User supplied (Windows, Intel Core i7, 16 GB RAM, SSD, dual NIC)
Compressed Air Requirements	None
Fume Extraction Requirements	Application specific
Certifications/Approvals	CE & UL; CDRH Class IV
Physical Dimensions (l x w x h)	930 mm x 230 mm x 1250 mm (36.6" x 9.1" x 49.2")
Electrical Requirements	120 VAC Single Phase 50/60 Hz
Mounting	Vertical/Horizontal
Material Compatibility	Paper; Clear/Opaque Plastics & Films; Metallics

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