

NEXGEN LASER MARKER



Nexgen Laser Marker Features

- Portable High Resolution Laser Marking
- Single Integrated Package with USB and RS-232
- Energy Efficient Single Mode Fiber laser
- Very small exceptional circular beam

Nexgen Laser Marker Applications

- Anodizing Aluminum Marking directly
- Plastics Marking directly or indirectly
- Ceramic Marking Indirectly
- Stainless Steel Marking indirectly

NEXGEN LASER MARKER features the latest in fiber laser source, electronics and scanning technologies.

NEXGEN ultra-compact turnkey fiber laser marking system is perfect for short-run production environment.

It is efficient, reliable, and easily integrated into manufacturing and production operations.

NEXGEN LASER MARKER's high resolution and compactness makes this laser marking system unique in the world.

Operational Hazard-Semiconductor Laser Diode Module:

This laser module emits radiation that is visible/invisible and harmful to human eye. When in use, do not look directly into the laser emitting aperture. Direct viewing of laser diode emission at close range may cause eye damage.

Limited Warranty: One year. No warranty coverage for disassembly, modifications or damage due to abuse or misapplication.

Specifications

OPTICAL

Wavelength	1064 nm Single Mode Fiber laser
Optical Output Power	>7 Watt
Marking Area	25 mm x 20 mm Marking area can be increased for some materials to larger area
Laser Stability	3.00%
Laser Marking Speed	20 mm/sec
Interface	USB and RS-232
Laser Beam Pointing Stability	$< \pm 10 \mu\text{rad}(10-40^\circ\text{C})$

ELECTRICAL

Operating Voltage	6 V DC
Operating Current	<5 A

MECHANICAL

Dimension, mm	150 (L) x 100 (L) x 25 (L)
Operating Temperature	+10°C to +40°C
Storage Temperature	-40°C to +80°C

