# INSTAMARK

**CLC**

**Mark and engrave** anything ranging from vector shapes to custom fonts. Surface anneal, etch, and deep engrave a wide variety of metals and plastic composites.

Alpha-numerics, graphics, and barcodes can be marked at extremely high speeds using our state-of-the-art high-speed galvo head.

**COMPACT WORKSTATION**

**REMOVABLE ENCLOSURE**

## TYPICAL APPLICATIONS:

INDUSTRIAL PARTS
TOOL MARKING
PART IDENTIFICATION
PRODUCT BRANDING
CREATIVE PROJECTS
LABELING
DATE CODING
SERIALIZATION
BARCODING
ASSEMBLY LINES

## SOFTWARE TOOLS

BARCODE GENERATION
STEP & REPEAT
SIMULATE LASE MODE
RED DOT POINTER
SHAPE TOOLS
ALIGN TOOLS
LAYERS & GROUPS
CUSTOM FONT SUPPORT
BITMAP/LOGO IMPORTER
**AND MORE!**

Windows® 7 Pro          LMS™ 3.0 Software

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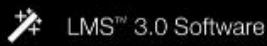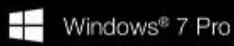
The **InstaMark®** is capable of marking and engraving the widest range of materials such as **steel/stainless, aluminum, titanium, copper, ceramics, and some plastics.**

Choose between a **Q-Switched** or **MOPA Fiber Laser** type and power level.

7IN

7IN

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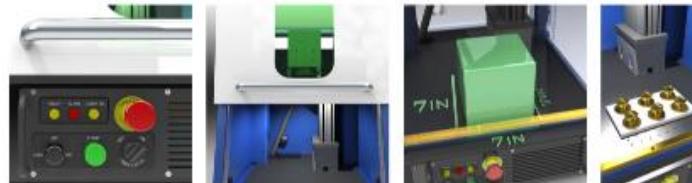
## Optimal Performance in a Wide Range of Industrial Applications

- ✔ IR Fiber Laser System
- ✔ Transformable CDRH Class I/II Workstation to Class IV
- ✔ Vertical Sliding Access Door with Interlocks
- ✔ Laser Safe Viewing Window
- ✔ Programmable Z Axis
- ✔ Fixture Mounting Plate
- ✔ Enclosure Illumination and Exhaust Port
- ✔ Windows® 7 Laptop Included
- ✔ New Compact Cube Enclosure - 28.3" x 22.5" x 31" (LxWxH)

**HIGH SPEED GALVO MIRRORS**

**FIBER LASER INFRARED SOURCE**

**LENS 7IN STANDARD**

AVOID EXPOSURE
VISIBLE AND/OR INVISIBLE
LASER RADIATION IS EMITTED
FROM THIS APERTURE

CONTROL LASER

INSTAMARK

24257170
3491000039315551

BARCODES

12345 67890

GLASS + PLASTICS

GALLERY
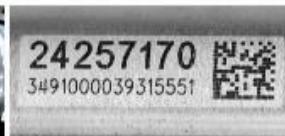
# INSTAMARK
## AFFORDABLE IR FIBER LASER SYSTEM

## Internally developed for over 50-years, the most powerful laser software on the market today

The software powering the **InstaMark™** is none other than our most versatile and easy-to-use, **Laser Marking Studio 3.0**. We've included an on-screen job builder, real-time laser status system, pre/post events for automation, part alignment features, drag and drop logo and graphics, part array and fixture setup, and much more.

Our software allows operators to **easily create jobs, lase graphics, 1D and 2D barcodes, and text in fancy fonts with creative freedom,** while offering complete control.

### Key Features of LMS Software Include:
- Graphics and logo Import (most vector/raster file types)
- True Type Fonts and Custom Laser Font Support
- Barcode Generator (UPC, Data Matrix, UID, QR, and more)
- Logo and Text Auto-Filling
- Desktop Simulation Mode (Pre-Lase Testing)
- System Security with Multiple User Level Access
- Built-In Axis Controls
- Remote Laser Networking Capabilities

**LMS LASER MARKING STUDIO** — VERSION **3.0**

Powerful, Intuitive, Simple.
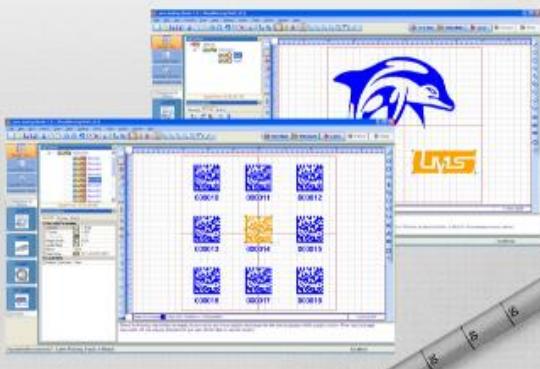
| LASER POWER OUTPUTS | LASER WAVELENGTH |
|---|---|
| 20W \| 30W \| 50W | IR 1064NM |

**INDUSTRIES:** tools & tooling | automotive | aerospace | defense | electronics | medical | energy ⊕

STANDARD ROTARY

JEWELRY ROTARY

## Product Options & Accessories

### Lens
Different size lenses can alter laser marking area size and mark quality; 7in lens included.
**Available:** 4in 7in 9in 12in

### Maintenance Kits & Accessories
Laser safety glasses, IR viewers, power meters, barcode scanners, conveyor units, and other accessories are available with our laser systems.

### Rotary Indexing Units
Compact rotary add-on allows circumferential marking onto cylinders and spheres.
**Available:** Standard and Jewelry Units

## ⚙ SYSTEM SPECIFICATIONS

| | |
|---|---|
| Laser Type | Q-Switched or MOPA Fiber Laser |
| Wavelength | IR 1064nm |
| Pulse Width | 100 ns |
| Power | 20W \| 30W \| 50W |
| Marking Area | 24" x 36" |
| Laptop | Windows® Laptop Included |
| System Power | 115 VAC 50/60Hz (230 VAC Optional) |
| Operating Temperature | 40°F to 90°F Ambient |
| Relative Humidity | 10% to 95% non-condensing |
| System Software | Windows® 7 |
| Measurements (LxWxH) | 28.3" x 22.5" x 31" |
| Network Connection | For Remote Diagnostics |

**2-Day Acceptance & Training at CLC** (Travel at customers expense)
**Two Year Production First Warranty**
**Includes Basic Remote Diagnostics** - This allows the laser system to be run and diagnostics tests to be performed from the factory. High Speed internet access is required for this feature.

*Above specifications are subject to future technical changes*