



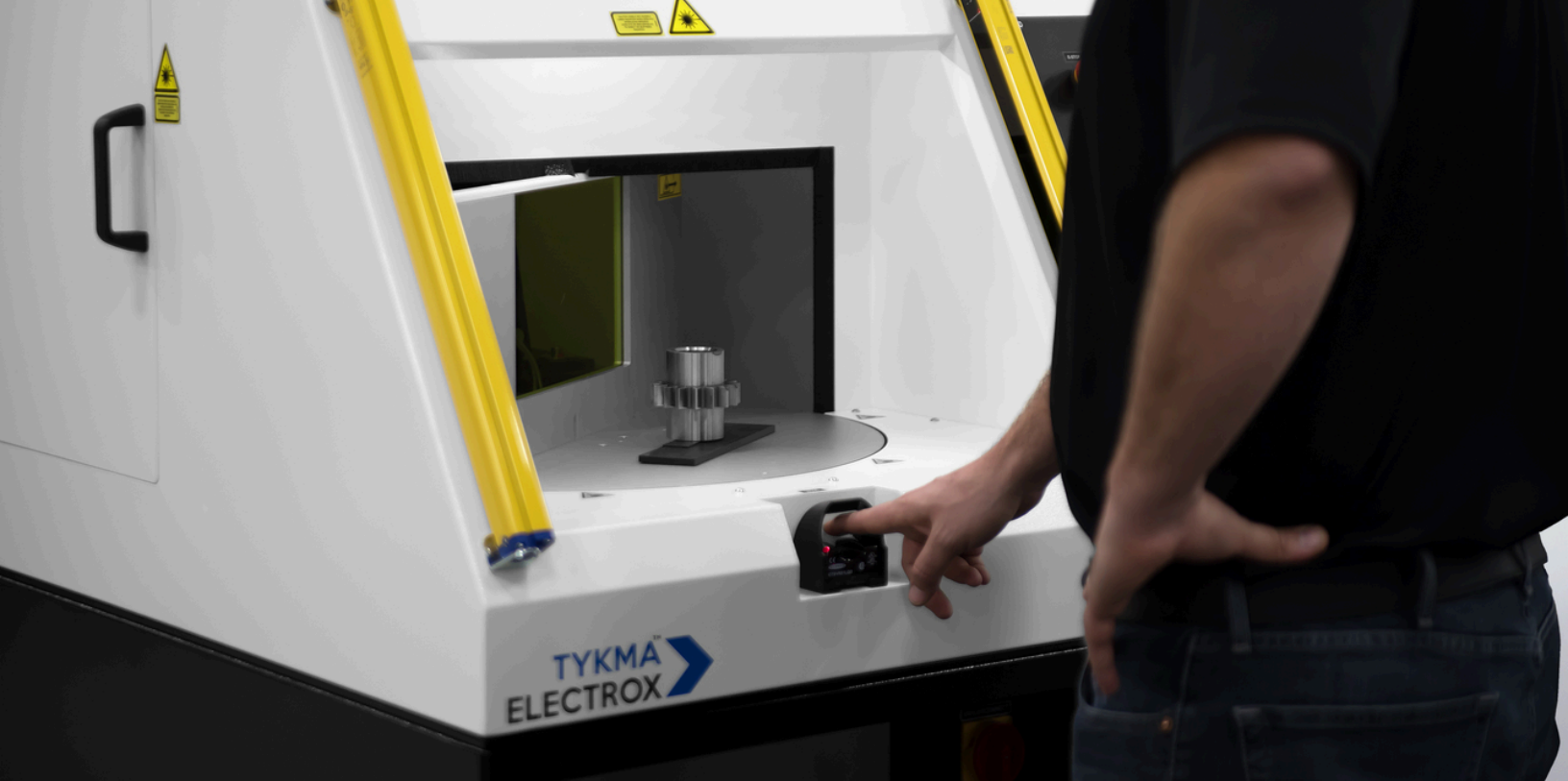
Zetalase Duo Dial Index

Ideal for high volume marking, the Zetalase™ Duo dial index system allows the operator to load/unload parts while others are being marked. The addition of safety light curtains ensures operator safety. Our Zetalase Duo workstation utilizes a robust, high duty-cycle rotary indexer for years of trouble free operation. Custom holding fixtures can be engineered for a variety of applications.



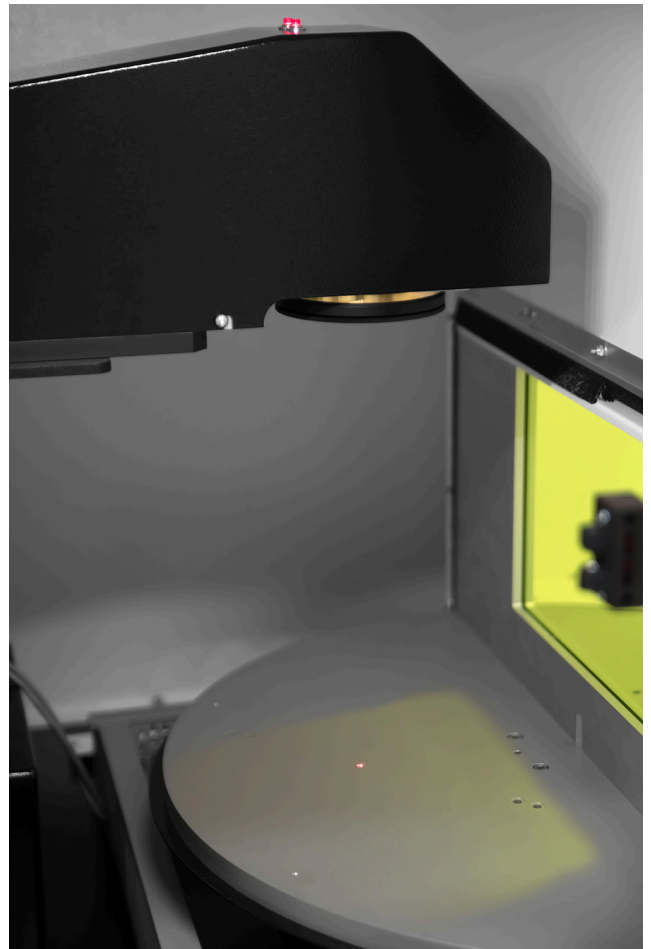
Laser Mark, Engrave, and Etch a Variety of Materials

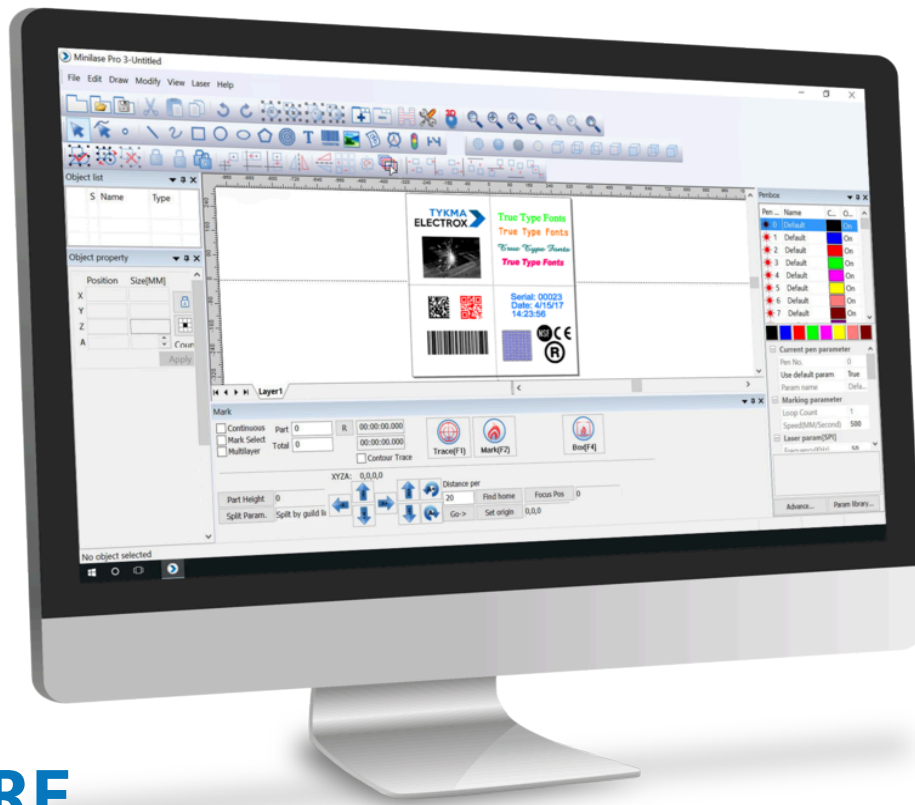
Our systems mark all metals, most plastics, carbide, anodized aluminum, painted/coated materials, and more. Powerful MOPA fiber laser technology enhances the marking capabilities and reliability over basic q-switched fiber laser systems.



FEATURES

- Class I Fully Enclosed System
- 600mm / 23.6" Diameter Dial Table
- Dial Table Fixture Mounting Holes
- Light Curtains for Operator Safety
- Single Tie Down Button for Cycle Start
- Front Operator Control Panel
- Auto/Manual Mode
- Programmable Focus Adjustment
- MOPA Fiber Laser Source
- Air Cooled - Maintenance Free
- Onboard PC with Gas Arm for Monitor, Keyboard, and Mouse
- Laser Safe Viewing Window
- Interior LED Light Strip
- Side Access Door
- Open Frame Bottom for Operator Ergonomics
- 120VAC or 220VAC One Plug Power Input
- Mobile Locking Casters
- Comprehensive 3 Year Warranty





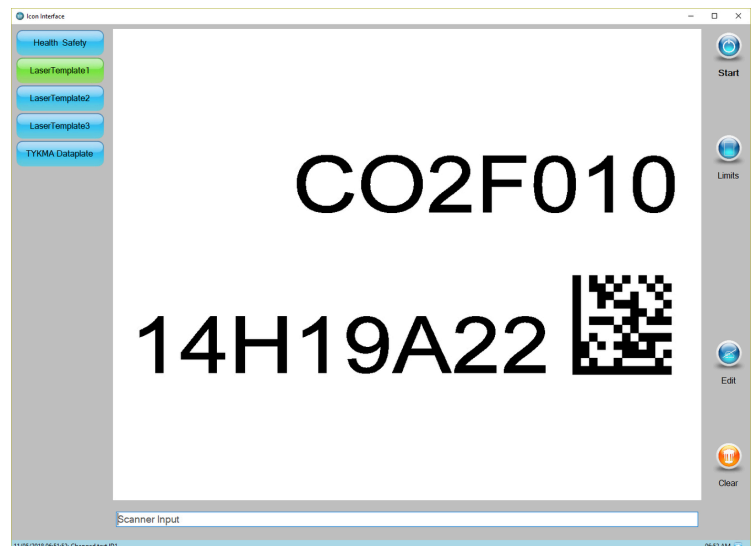
SOFTWARE

Minilase Pro SE Programming Software

With our user friendly software, operators and engineers can quickly create marking files with text, barcodes, 2D codes, and a variety of graphic formats such as DXF, AI, PLT, BMP and JPEG. CAD tools allow users to draw their own graphics and manipulate complex vector files. Automated date coding and serialization capabilities are also included. A pre-configured materials library takes the guess work out of setting up laser marking parameters. Control external axes such as XY stages, focal height adjustment and rotary devices for 360° marking.

Icon Interface Software

Icon Interface, our off-the-shelf operator interface enables the following: advanced network data retrieval, TCP/IP communication protocols, SQL server connectivity, PLC interfacing, detailed photographic part fixture instructions and displays, operator restrictions and password protections, data entry via barcode scan, and more. Need additional capability? Let us create it for you!



TECHNICAL SPECIFICATIONS

System Dimensions / Weight (approx.)	49.6"Lx 34.6W x 69"H / 500lbs (mm) 1,260L x 880 x 1,751H / 227kg
Standard Marking Field	163L Focal Lens 3.93" x 3.93" / 100mm x 100mm
Standard Max Part Size	9.8"Lx 9.8"L x 9"H (mm) 250L x 250W x 228H or 19.7"L x 2.95"W x 9"H (mm) 500L x 75 x 228H
Available Marking Lens Upgrades and Marking Fields	254L Focal Lens 6.5" x 6.5" / 165mm 165mm Max Part Height - 9" / 228mm 350L Focal Lens 7.87" x 7.87" / 202mm x 202mm Max Part Height - 3.93" / 100mm
Laser Type	Ytterbium Fiber
Wavelength	1062nm +/- 3nm
Wattage	20W / 50W / 70W
Frequency Range	1-500kHz
Pulse Duration	Variable, 260ns or 40ns
Operative Ambient Air Temperature	7° - 36° C / 45° - 97° F
Cooling	Forced Air
Input Power Requirements	110 or 220 VAC, 50 or 60Hz
Aiming Beam	(2) Class II Red Diode
PC	Integrated Windows 10 PC
Machine Ports	Diagnostic (USB/Ethernet)
Warranty	36 Month Comprehensive, Unlimited Hours
Documentation (Provided in Digital Format via USB Drive)	System & Software Manuals Laser Settings Guide / Safety Manual Video Tutorials
Included Accessories	Laser Enable Keys (2) / USB Cable Power Cable / USB Drive

*Specifications subject to change