

Power. Simplicity.

In A Compact Desktop System.



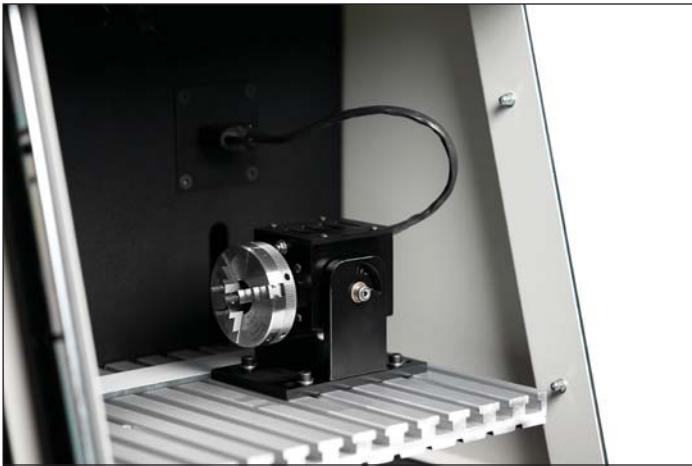
MLM SERIES

Minilase™ Manual is simple and affordable, but its powerful features will surprise you.

The MLM fiber laser system packs a powerful punch and gives users maximum application flexibility. The manual front door is lightweight and ergonomic thanks to a spring loaded retraction system. A powered part-loading table with our focus finder system makes focal adjustment easy. Machine management is simple with the front mounted operator control panel.

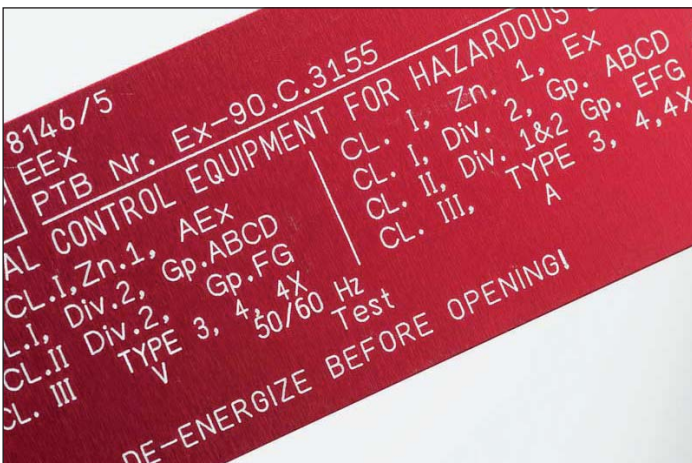
A USB connection to a laptop or desktop PC is all that is required to start programming with our Minilase™ Pro SE laser marking software. Quickly mark text, barcodes, serial and date codes graphics and more. Utilize our micro rotary device for 360° radial part marking.

With our included Quick Start Guide, video tutorials and laser programming manual, Minilase™ Manual can be setup and marking within minutes.



FEATURES:

- Air-Cooled, Maintenance Free Design for Industrial Applications
- Advanced 10W MOPA Fiber Laser Engine
- Manual Part Loading Door
- Power Focal Height Adjustment
- Easy Focus Finder
- T-Slot Work Surface and Front Panel Status Lights
- Ideal for Marking all Metals, Carbide, Painted/Anodized Materials and Most Plastics
- Comprehensive 3-Year Warranty



Technical Specifications	
System Dimensions	17"W x 34"L x 24"H
System Weight	Approx. 130lbs
Marking Window	100mm x 100mm (160S Lens)
Maximum Part Size	13.5"W x 9.5"L x 4.625"H
Laser Type	Ytterbium Fiber
Wavelength (nm)	1062 +/- 3nm
Wattage	10 Watt
Pulse Width (ns)	170ns
Frequency Range	1 - 200kHz
Input Power	Power Sensing 110 - 240VAC 50/60Hz
Aiming Beam	(2) Class 2M Red Diode 635nm
PC	Windows XP, 7, 8, Laptop / Desktop (Not Included)
PC Connection	USB
Available Ports	Service / Diagnostic
Cooling	Air-Cooled
Warranty	36 Month Unlimited Hours Comprehensive
Documentation	USB Drive / Quick Start Guide Software Manual / Safety Manual (All Manuals Provided in Digital Copy)
Available Options / Accessories	<ul style="list-style-type: none"> • Micro Rotary Device (360 Marking) • Fume Extraction • Footswitch for Start Mark

Minilase™ is a Class 1 laser product in full compliance with CFR 1040 and/or other applicable national and local regulations. The system includes proper interlocks, switches, etc.

Laser interaction with organic or inorganic materials can cause toxic fumes and/or particles. TYKMA highly recommends the use of fume extraction equipment to minimize dust, fumes or smoke that can be created during the engraving or marking of plastics, anodized painted or other coated materials. Proper use and maintenance of your laser marking system ensures optimum performance and prolongs system life.



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