



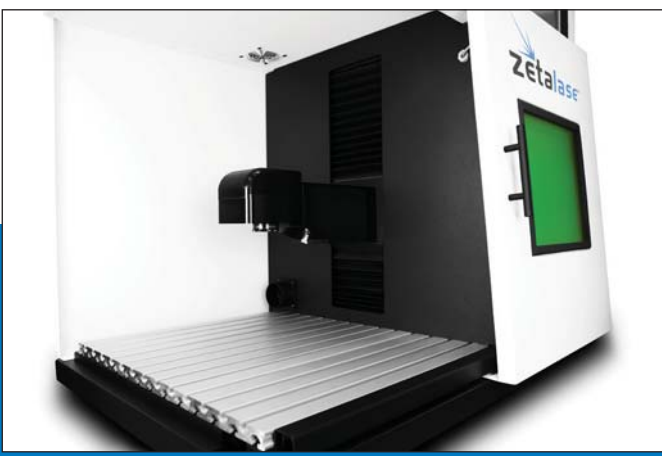
Full-Size Configuration.

Premium Features.



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ZSE SERIES

With its large work area and premium feature list, Zetalase™ can do it all.

An expansive work envelope provides capability for marking a wide array of parts, large or small, light or heavy. In addition to the front sliding operator door, the side access door provides operators 180° access to the expansive 18" x 24" part loading area.

Zetalase™ features an onboard processor and a 10" touch screen monitor. Our touch interface software allows operators to quickly and easily select and edit pre-configured marking programs on the fly.

Programming with our Minilase™ Pro SE software enables you to easily mark text, barcodes, serial and date codes, graphics and more.

Utilize our full-size rotary device for 360° radial part marking. Upgrade to an automatic part loading door or programmable focal height to increase operator ergonomics.



FEATURES:

- Air-Cooled, Maintenance Free Design for Industrial Applications
- Advanced MOPA Fiber Laser Engine from 10 to 50W
- Front Sliding Part Loading Door with 180° Side Access
- Power Focal Height Adjustment
- T-Slot Work Surface and Front Panel Status Lights
- Onboard Processor with 10" Touch Screen Interface
- Rear Access Panel with Ethernet, USB, Keyboard, Mouse and Secondary Monitor Hookup.
- Auto Mode with Automatic Marking Start Upon Door Closure
- Ideal for Marking all Metals, Carbide, Painted/Anodized Materials & Most Plastics
- Comprehensive 3-Year Warranty

Technical Specifications

System Dimensions	40"W x 26"L x 35"H
System Weight	Approx. 306lbs
Standard Marking Window	100mm x 100mm (160L Lens)
Marking Window Upgrade	140 x 140mm (254S Lens) 165 x 165mm (254L Lens)
Standard Maximum Part Size (160S Lens)	24"W x 18"L x 8.75"H
Maximum Part Height Lens Upgrade	(254S) 4.25"H (254L) 2.5"H
Laser Type	Ytterbium Fiber
Wavelength (nm)	1062 +/- 3nm
Wattage	10 / 20 / 30 / 50 Watt
Pulse Width (ns)	(10 & 20W) 170ns (30 & 50W) Variable
Frequency Range	(10 & 20W) 1 - 200kHz (30 & 50W) 1 - 1,000kHz
Input Power	Power Sensing 110 - 240VAC 50/60Hz
Aiming Beam	(2) Class 2M Red Diode 635nm
PC	Windows 7 Integrated PC w/Touch Screen Monitor
Available Ports	Service/Ethernet/USB/Monitor/Keyboard/Mouse
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 or Full Size Rotary Device (360° Marking) • Programmable Focal Height • Fume Extraction • 254S or 254L Lens Upgrade • Mobile Base

Zetalase™ 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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TYKMA follows a policy of continuous product improvement.
Specifications are subject to change without notice.

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