

zetalase[™] XL

More Space, More Power
Maximum Flexibility



ZXL SERIES

An expansive work area and choice of lenses makes Zetalase™ XL our most flexible system yet.

The new Zetalase™ XL features the most expansive work area of our entire product range. Available in multiple configurations to mark tall and/or large components as well as large fixtures of parts. A front vertical pneumatically actuated door maximizes operator ergonomics. Programmable Z-Axis capability as a standard option allows for a quick and easy changeover between components. A choice of laser power and a variety of large focal lenses provide the ability to solve any application.

Zetalase™ XL features an onboard processor and a 15" touch screen monitor allowing operators to easily select and edit pre-configured marking programs. A keyboard and mouse are also included for laser programming.

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.



FEATURES:

- Air-Cooled, Maintenance Free Design for Industrial Applications
- MOPA Fiber Laser Engine from 20 to 50W with Selectable Waveforms
- Front Vertical Pneumatically Actuated Part Loading Door
- Programmable Focal Height Adjustment
- 24" x 30" T-Slot Work Surface and Heavy Duty Membrane Control Pendant
- Onboard Processor with 15" Touch Screen Interface
- Side Access Panel with Ethernet, USB, and Service Connection Access
- Auto Mode with Automatic Marking Start Upon Door Closure
- Available with a Variety of Focal Lenses from 160mm to 420mm
- Ideal for Marking all Metals, Carbide, Painted/Anodized Materials & Most Plastics
- Comprehensive 3-Year Warranty

Technical Specifications	
System Dimensions	32"W x 52"L x 74"H
System Weight	Approx. 500lbs
Standard Marking Window	100mm x 100mm (160L Lens)
Marking Window Upgrade	165 x 165mm (254L Lens) 217 x 217mm (330L Lens) 291 x 291mm (420L Lens)
Standard Maximum Part Size (160S Lens)	30"W x 24"L x 20"H or 15"W x 42"L (Using Center Wall Opening)
Maximum Part Height Lens Upgrade	(254L) 16"H (330L) 11.75"H (420L) 6"H
Laser Type	Ytterbium Fiber
Wavelength (nm)	1062 +/- 3nm
Wattage	20 / 30 / 50 Watt
Pulse Width (ns)	(20/50W) 40 or 260ns (30W) Variable from 15 to 220ns
Frequency Range	(20/50W) 1 - 500kHz (30W) 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"> • Full Size Rotary Device (360° Marking) • Fume Extraction • Various Lens Upgrades

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.



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



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