

Power. Simplicity.

In A Compact Desktop System.



Technical Specifications	
System Dimensions / Weight	17"W x 34"L x 24"H / 130lbs
Standard Marking Field	160S (100mm x 100mm) (3.93" x 3.93")
Standard Max Part Size (160S Lens)	13.5"W x 9.5"L x 4.625"H (mm) 342W x 241L x 117H
Available Marking Lens Upgrade and Marking Fields	254S (140mm x 140mm, 5.5" x 5.5")
Maximum Part Height with Lens Upgrade	(254S) .625"H/15mm
Laser Type	Ytterbium Fiber
Wavelength	1062nm +/- 3nm
Wattage	10W / 20W
Frequency Range	1kHz - 500kHz (10/20W)
Pulse Duration	(10/20W) Selectable, 260ns or 40ns
Operative Ambient Temperature Range	45° F to 110° F
Cooling	Air Cooled
Input Power	Power Sensing 110-240VAC 50/60Hz
Aiming Beam	(2) Class IIM Red Diode (635nm)
PC	Laptop/Desktop PC Required
PC Connection	USB
Available Ports	Diagnostic
Warranty	36 Month Comprehensive Unlimited Hours
Documentation	USB Drive / Quick Start Guide Video Tutorials / Software Manual Safety Manual / Laser Settings Manual (Manuals Provided in Digital Copy)
Optional 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. The system includes proper interlocks, switches, etc.

Laser interaction with materials can create 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 marking, etching or engraving process.



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

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