

# MECCO®

## LIGHTWRITER™

CLASS IV LASER MARKING SYSTEM

Easily mark and add traceability to any product, including oversized parts, with a Class IV laser marking workstation. This system maximizes flexibility and efficiency in your marking process.

### FEATURES

- » Class IV laser safety system
- » Easy setup and operation
- » User-friendly WinLase® software
- » Low power consumption
- » Ethernet port for PC connection
- » Cost-efficient marking solution
- » More flexibility for part positioning and loading
- » Open construction allows for less marking steps



### TECHNICAL SPECIFICATIONS

<b>System Dimensions</b>	W 584.2mm x D 821.2mm (W 23.0 in x D 32.3 in)
<b>Standard Marking Field: 160mm lens</b>	4.37" x 4.37" Mark Area / 17.62" Max Part Marking Height 111mm x 111mm Mark Area / 447.7mm Max Part Marking Height
<b>Marking Field Upgrades: 254mm lens</b>	6.97" x 6.97" Mark Area / 13.02" Max Part Marking Height 177mm x 177mm Mark Area / 330.7mm Max Part Marking Height
<b>Marking Field Upgrades: 330mm lens</b>	9.05" x 9.05" Mark Area / 9.46" Max Part Marking Height 230mm x 230mm Mark Area / 240.3mm Max Part Marking Height
<b>Marking Field Upgrades: 420mm lens</b>	13.23" x 13.23" Mark Area / 4.54" Max Part Marking Height 336mm x 336mm Mark Area / 115.3mm Max Part Marking Height
<b>Laser Source</b>	Fiber (20W-50W) VP MOPA Fiber (20W)
<b>Output Power</b>	20W-50W
<b>Power Requirements</b>	110/220VAC, 10/5A, 50/60Hz
<b>Wavelength</b>	1064nm
<b>Frequency Range (kHz)</b>	Fiber: 1-588 kHz VP MOPA Fiber: 1-4000 kHz
<b>Pulse Duration (ns)</b>	200 ns
<b>Operation Temperature Range</b>	32-97°F / 0-36°C
<b>Cooling</b>	Air
<b>Aiming Beam</b>	Class II Red Diode (635 nm)
<b>PC</b>	Required
<b>PC Connection</b>	Ethernet
<b>Software</b>	WinLase Software

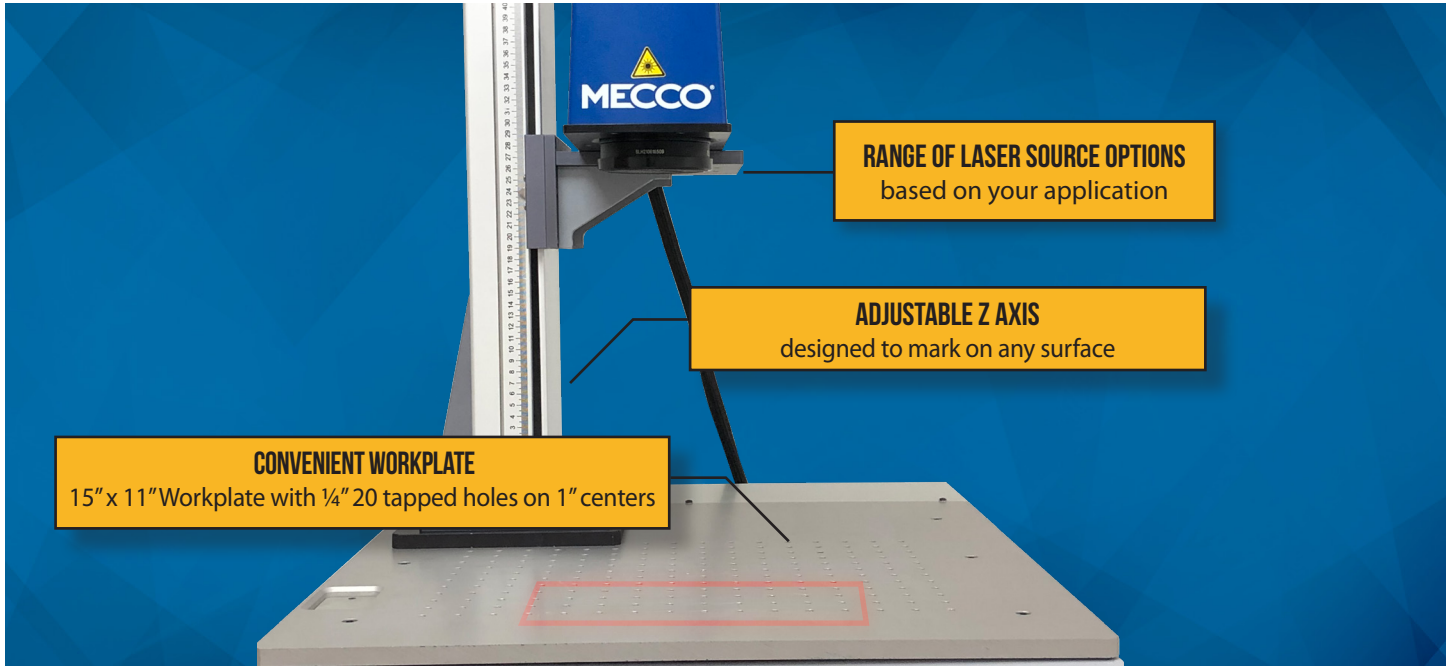
3D models are available at [www.mecco.com/support-resources](http://www.mecco.com/support-resources)

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### WORK SURFACE



### MACHINE BASES

LightWriter systems have an option of a machine base allowing these machines to be placed in any lab or workshop without sacrificing table space. Machine bases include options for computer monitor arms.

Machine Base Dimensions*	Machine Base with Monitor Arm Dimensions
W 23.0" x H 29.75" x D 30.0"	W +23.3" x H +21.65" x D +13.97"**
W 584.2mm x H 692.2mm x D 762.0mm	W +592.1mm x H +613.4mm x D +354.8mm**

\*Machine bases feature leveling feet which alter height by ± 1.5" (38.1mm)

\*\*Additional Measurements based on monitor arm at full extension. Monitor arm is adjustable, see drawing for more detail

### LENS OPTIONS

Our high quality lenses are available in multiple configurations for this laser systems to meet the needs of your marking area.

Lens	Marking Field	Focal Length
160mm	111mm x 111mm (4.4" x 4.4")	182mm (7.17")
254mm	177mm x 177mm (7.0" x 7.0")	299mm (11.77")
330mm	230mm x 230mm (9.1" x 9.1")	385mm (15.16")
420mm	336mm x 336mm (13.2" x 13.2")	491mm (19.33")

### GET A QUOTE

Order your LightWriter laser marking workstation today.



### INDUSTRY-LEADING MECCO SUPPORT

Learn about our expert support, fast service, free sample marking, and more.

