

# MECCO®

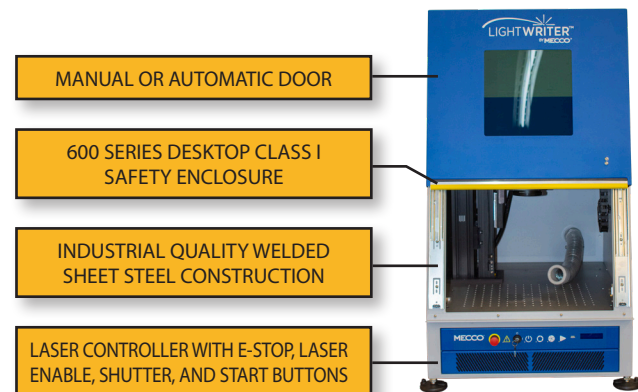
## LIGHTWRITER™ BY MECCO®

DESKTOP MODELS: 600, A600

This desktop fiber laser marking workstation is designed for ease-of-use, compact size, and safety. With its user-friendly software, this machine provides efficient and reliable marking capabilities.

### FEATURES

- » Sturdy industrial quality welded sheet steel safety enclosure
- » Easy setup and operation
- » Class I enclosure with safety interlocks
- » User-friendly WinLase® by MECCO® software
- » Low power consumption
- » 10" laser-safe viewing window
- » 15" x 11" Workplate with ¼" - 20 tapped holes on 1" centers
- » Ethernet port for PC connection
- » Programmable Z axis



### TECHNICAL SPECIFICATIONS

<b>System Dimensions (Manual Door)</b> <b>Models: 600</b>	W 23.0" x H 32.8" x D 36.5" W 584mm x H 833mm x D 927mm
<b>System Dimensions (Auto Door)</b> <b>Models: A600</b>	W 23.0" x H 32.8" x D 34.4" W 584mm x H 833mm x D 874mm
<b>Max Part Size*</b>	W 18.5" x D 29.13" W 470mm x D 740mm
<b>Standard Marking Field: 160mm lens</b>	4.37" x 4.37" Mark Area / 10.66" Max Part Marking Height 111mm x 111mm Mark Area / 270.9mm Max Part Marking Height
<b>Marking Field Upgrades: 254mm lens</b>	6.97" x 6.97" mark area / 6.06" Max Part Marking Height 177mm x 177mm mark area / 153.9mm Max Part Marking Height
<b>Laser Source</b>	Fiber (20W-50W) VP MOPA Fiber (20W)
<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>Air Requirements (Auto Door Only)</b>	70-80 psi / 5 Bar
<b>Software</b>	WinLase Software

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

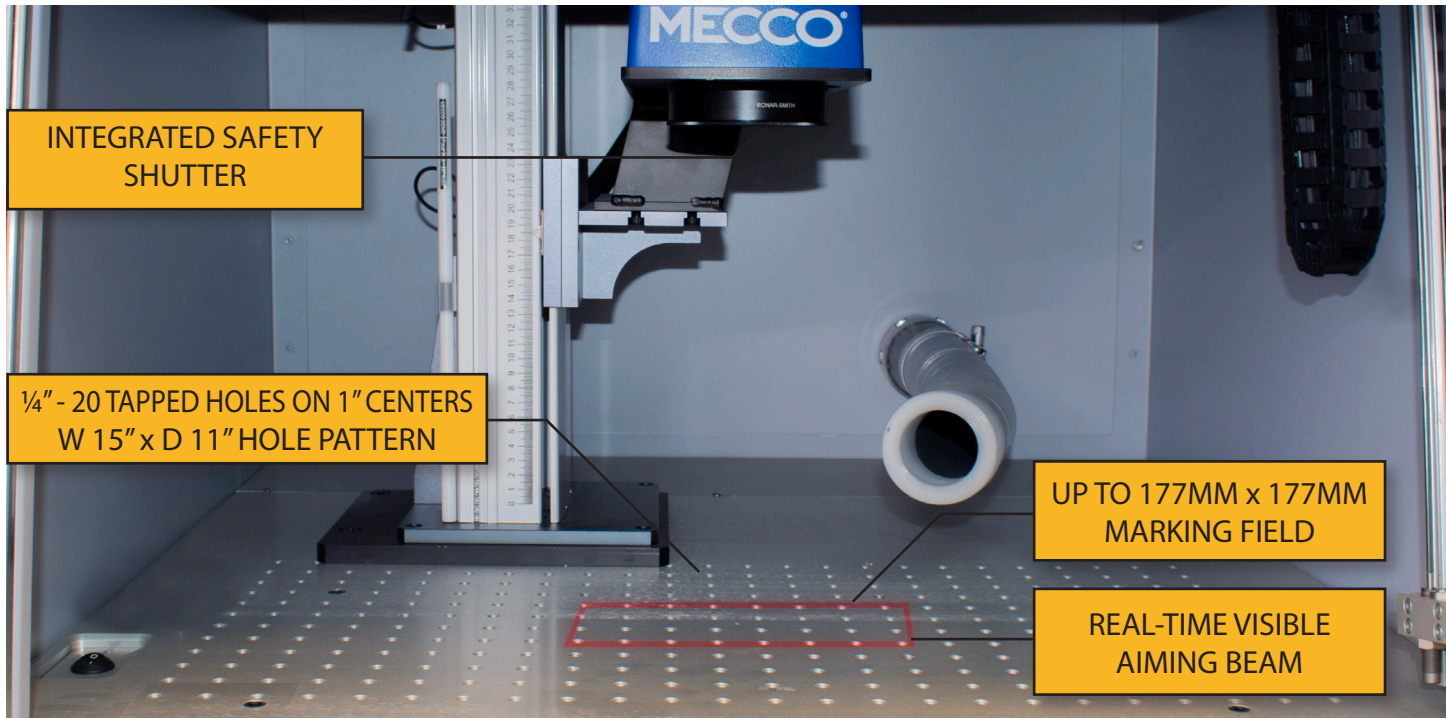
\*Measurements of Length and Width for parts to fit through door opening. Both Measurements cannot be met at the same time.

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### MACHINE INTERIOR



### 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 584.2mm x H 692.2mm x D 762.0mm	W +23.3" x H +21.65" x D +13.97"** 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")	183mm (7.2")
254mm	177mm x 177mm (7.0" x 7.0")	278mm (10.9")

#### GET A QUOTE

Order your LightWriter by MECCO laser marking workstation today.



#### INDUSTRY-LEADING MECCO SUPPORT

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



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