

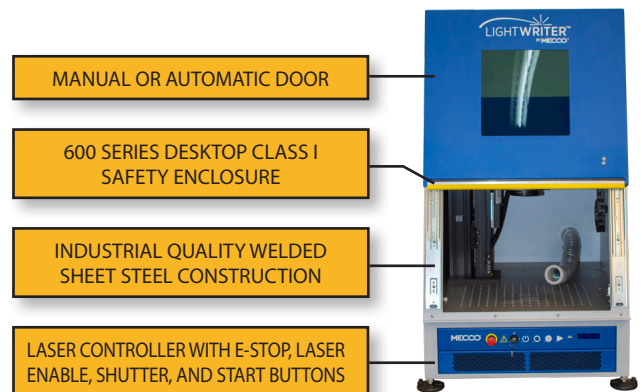
MECCO® LIGHTWRITER™

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® 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

System Dimensions (Manual Door) Models: 600	W 23.0" x H 32.8" x D 36.5" W 584mm x H 833mm x D 927mm
System Dimensions (Auto Door) Models: A600	W 23.0" x H 32.8" x D 34.4" W 584mm x H 833mm x D 874mm
Max Part Size*	W 18.5" x D 29.13" W 470mm x D 740mm
Standard Marking Field: 160mm lens	4.37" x 4.37" Mark Area / 10.66" Max Part Marking Height 111mm x 111mm Mark Area / 270.9mm Max Part Marking Height
Marking Field Upgrades: 254mm lens	6.97" x 6.97" mark area / 6.06" Max Part Marking Height 177mm x 177mm mark area / 153.9mm Max Part Marking Height
Laser Source	Fiber (20W-50W) VP MOPA Fiber (20W)
Power Requirements	110/220VAC, 10/5A, 50/60Hz
Wavelength	1064nmW
Frequency Range (kHz)	Fiber: 1-588 kHz VP MOPA Fiber: 1-4000 kHz
Pulse Duration (ns)	200 ns
Operation Temperature Range	32-97°F / 0-36°C
Cooling	Air
Aiming Beam	Class II Red Diode (635 nm)
PC	Required
PC Connection	Ethernet
Air Requirements (Auto Door Only)	70-80 psi / 5 Bar
Software	WinLase Software

3D models are available at www.mecco.com/support-resources

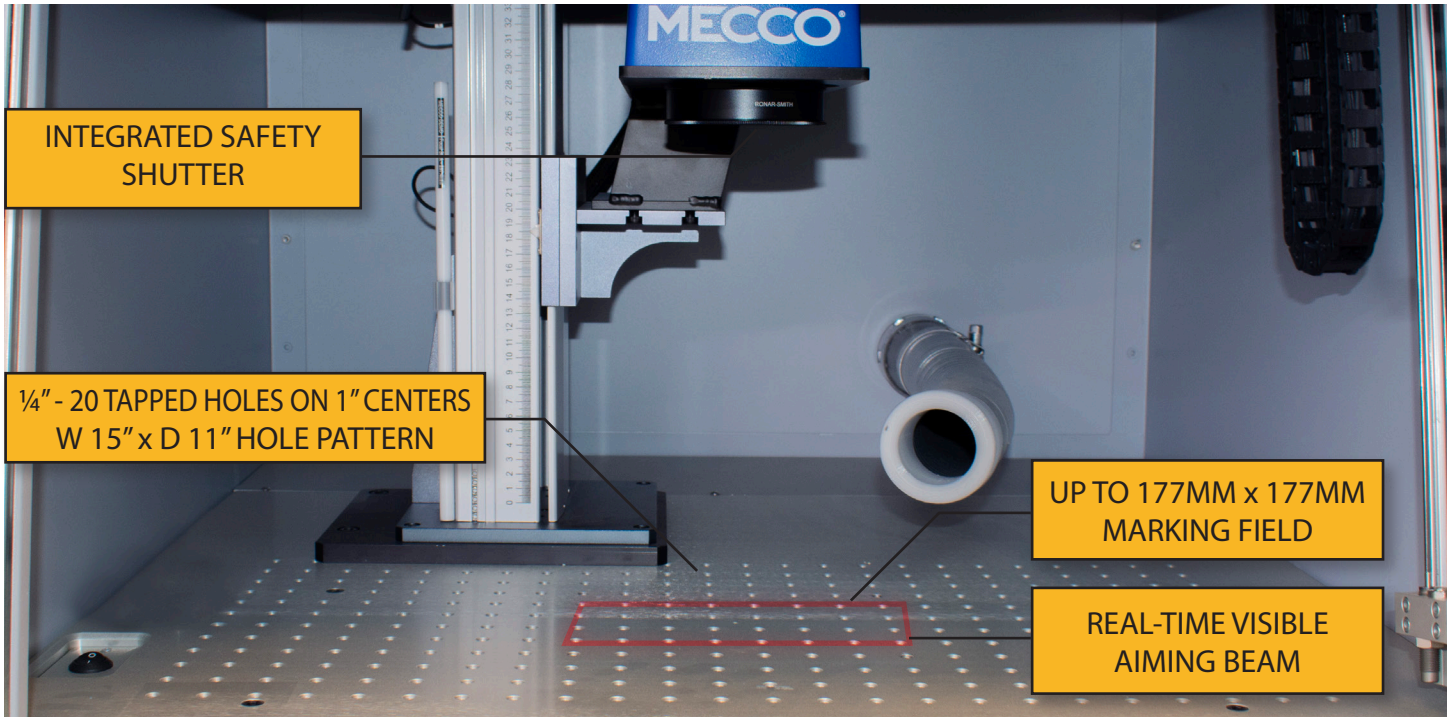
*Measurements of Length and Width for parts to fit through door opening. Both Measurements cannot be met at the same time.

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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*

W 23.0" x H 29.75" x D 30.0"
W 584.2mm x H 692.2mm x D 762.0mm

Machine Base with Monitor Arm Dimensions

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 $\pm 1.5"$ (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")

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.

