

MECCO®

LIGHTWRITER™

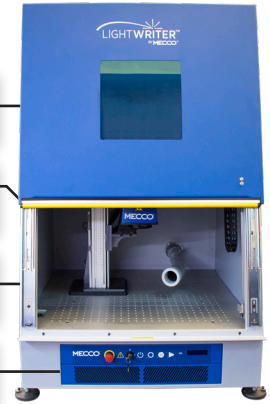
TABLETOP MODELS: 800, A800

This compact tabletop fiber laser marking workstation is flexible, easy to operate, and integrate — with a wide range of accessories and automation options to mark more parts in less time.

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
- » 23" x 11" Workplate with ¼" - 20 tapped holes on 1" centers
- » Ethernet port for PC connection
- » Programmable Z axis

- MANUAL OR AUTOMATIC DOOR
- 800 SERIES TABLETOP CLASS I SAFETY ENCLOSURE
- INDUSTRIAL QUALITY WELDED SHEET STEEL CONSTRUCTION
- LASER CONTROLLER WITH E-STOP, LASER ENABLE, SHUTTER, AND START BUTTONS



TECHNICAL SPECIFICATIONS

| | |
|---|--|
| System Dimensions (Manual Door) Models: 800 | W 30.0" x H 40.3" x D 36.5" W 762mm x H 1024mm x D 927mm |
| System Dimensions (Auto Door) Models: A800 | W 30.0" x H 40.3" x D 34.4" W 762mm x H 1024mm x D 874mm |
| Max Part Size* | W 25.59" x D 28.74" W 650mm x D 730mm |
| Standard Marking Field: 160mm lens | 4.37" x 4.37" Mark Area / 17.62" Max Part Marking Height 111mm x 111mm Mark Area / 447.7mm Max Part Marking Height |
| Marking Field Upgrades: 254mm lens | 6.97" x 6.97" Mark Area / 13.02" Max Part Marking Height 177mm x 177mm Mark Area / 330.7mm Max Part Marking Height |
| Marking Field Upgrades: 330mm lens | 9.05" x 9.05" Mark Area / 9.46" Max Part Marking Height 230mm x 230mm Mark Area / 240.3mm Max Part Marking Height |
| Marking Field Upgrades: 420mm lens | 13.23" x 13.23" Mark Area / 4.54" Max Part Marking Height 336mm x 336mm Mark Area / 115.3mm Max Part Marking Height |
| Laser Source | Fiber (20W-50W) VP MOPA Fiber (20W) |
| Power Requirements | 110/220VAC, 10/5A, 50/60Hz |
| Wavelength | 1064nm |
| 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

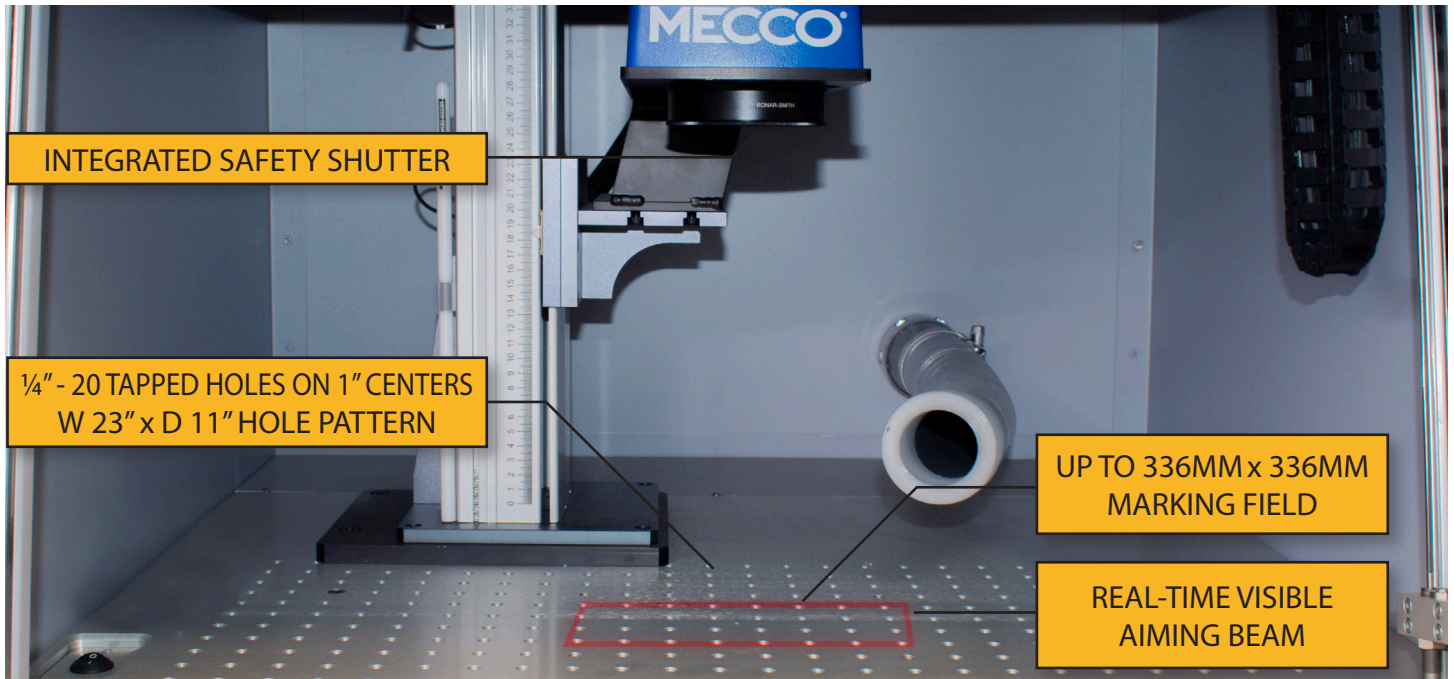
*Measurements of Length and Width for parts to fit through door opening. Both Measurements cannot be met at the same time.

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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* | Machine Base with Monitor Arm Dimensions |
|-----------------------------------|--|
| W 30.0" x H 27.25" x D 30.0" | W +23.3" x H +21.7" x D +14.0"*** |
| W 762.0mm x H 692.2mm x D 762.0mm | W +592.1mm x H +551.18mm x D +355.6mm** |

*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.

