

MX400

Mounting Press

Our fully automatic mounting press, the MX400, is your solution for faster, more sophisticated mounting. The MX400 boasts a slim, 8-inch wide profile to maximise lab space. A touch-screen display provides easy, user-friendly operation.



Features

- Reduce mounting bottlenecks and increase throughput with full size dual-mount capability in 1.25 inch, 1.50 inch, 30 mm, 40 mm and 50 mm mold size
- Novel solid steel crossbar closure design is durable, easy to clean, avoids jamming, and allows for quick, one-handed operation
- Intuitive swipe-and-touch user interface makes it easy for you to select heating, cooling, and pressure parameters
- Create fully customisable methods or use a LECO-developed method to fit your exact needs
- Variable modes for mounting delicate samples using all common types of mounting materials
- Low thermal mass for rapid heating and cooling rates for superior productivity



Easily mount samples in four simple steps

Specifications

| | |
|---|--|
| Design / Structure | Benchtop style with steel frame |
| Mold Enclosure | Durable all-steel enclosure |
| Mold Sizes | 1.25 in, 1.50 in, 30 mm, 40 mm, 50 mm; All with included dual-mount capability |
| Pressure Method | CPU Controlled Fully Automatic Hydraulic System |
| Pressure Settings | Adjustable from 1,200 to 4,300 psi by 100 psi increments (80 to 300 bar by 10 bar; 8 to 30 Mpa by 1 Mpa) |
| Curing Time | 0 to 30 minutes; set by 5 second increments |
| Heating Temperature | 90°C to 175°C (190°F to 350°F); set by 5 degree increments |
| Heater Capacity | 900 W for 1.25 in, 1.50 in, and 30 mm models; 1,200 W for 40 mm and 50 mm models |
| Cooling Temperature | 30°C to 60°C (85°F to 140°F); set by 5 degree increments |
| Cooling Flow | Adjustable flow from 0.0 to 2.0 L/min (0.0 to 0.5 gal/min) during cooling phase |
| Water Supply | 20 to 80 psi (138 to 552 kPa) |
| Drain Requirement | Gravitational, non-restrictive drain; capable of accommodating hot water and periodic steam |
| Machine Dimensions Rounded to nearest 5 mm | 8 in W x 21 in H x 24 in D (205 mm W x 535 mm H x 610 mm D) |
| Weight of Machine | 104 lb (47.2 kg) for 1.25 in, 1.50 in, and 30 mm models; 112 lb (50.8 kg) for 40 mm and 50 mm models |
| Power Supply | |
| 1.25 in, 1.50 in, 30 mm model | AC 115 V/10 A or 230 V/5 A; 50/60 Hz; Single Phase |
| 40 mm and 50 mm model | AC 115 V/12 A or 230 V/6 A; 50/60 Hz; Single Phase |

Part Numbers

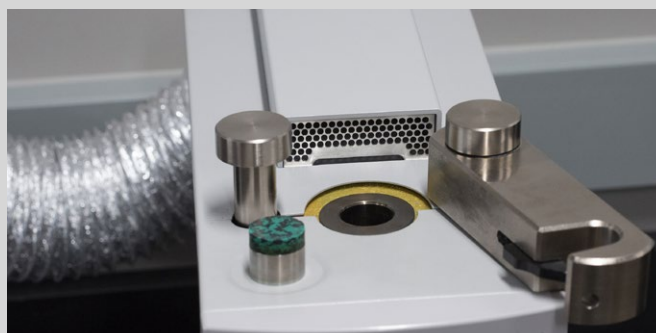
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|----------|-----------------------|----------|-------------------|
| MX400301 | MX400 30 mm 115 V | MX400401 | MX400 40 mm 115 V |
| MX400302 | MX400 30 mm 230 V | MX400402 | MX400 40 mm 230 V |
| MX400321 | MX400 1.25 inch 115 V | MX400501 | MX400 50 mm 115 V |
| MX400322 | MX400 1.25 inch 230 V | MX400502 | MX400 50 mm 230 V |
| MX400381 | MX400 1.50 inch 115 V | | |
| MX400382 | MX400 1.50 inch 230 V | | |

Optional Top Exhaust Panel

An optional exhaust panel keeps your work area clean and removes unwanted fumes from the molding process. Connect directly to your HVAC, fume hood, or LECO blower.

Part Numbers

811-710-432 for 1.25 in, 1.50 in, 30 mm models
811-710-468 for 40 mm, 50 mm models



ISO-9001:2015 Q-994 | LECO is a registered trademark of LECO Corporation.
Specifications and part numbers may change. Consult LECO for latest information.

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