

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 maximize 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 sizes
- 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 customizable 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.***

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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 Setting	Adjustable from 1200 to 4300 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 200 °C (190 °F to 390 °F); set by 5 degree increments
Heater Capacity	900W for 1.25 in, 1.50 in, and 30 mm models; 1200W for 40 mm and 50 mm models
Cooling Temperature	30 °C to 60 °C (85 °F to 140 °F) 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 °C (68 °F) or cooler; 20 to 30 psi (138 to 207 kPa); minimum 2.0 L/min (0.5 gal/min) during cooling phase
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

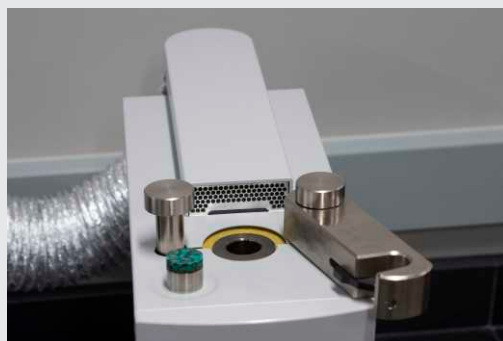
MX400301	MX400 30 mm 115V	MX400401	MX400 40 mm 115V
MX400302	MX400 30 mm 230V	MX400402	MX400 40 mm 230V
MX400321	MX400 1.25 inch 115V	MX400501	MX400 50 mm 115V
MX400322	MX400 1.25 inch 230V	MX400502	MX400 50 mm 230V
MX400381	MX400 1.50 inch 115V		
MX400382	MX400 1.50 inch 230V		

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



Specifications and part numbers may change.
Consult LECO for latest information.

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