

PR4X Mounting System

Quality Sample Mounts • Time-Saving Efficiency



Modular Design—Up to 4 units can be independently controlled and configured.

No other mounting press allows you to efficiently prepare mounts for microstructural examination or provides your lab with high-caliber samples like the **LECO PR4X**. With convenient pre-programmed methods to mount various materials and easy-to-remove molds, the automatic PR4X Mounting Press provides you with quality sample mounts while saving you time and effort. Add up to three auxiliary units (capable of operating independently) to prepare several different mold sizes—a practical, economical solution for all laboratory budgets!

- **Three interchangeable mold sizes: 1¼ in., 1½ in., and 50 mm**
- **Pre-programmed methods for different mounting materials**
- **Integrated heating and cooling**
- **Sealed electro-hydraulic design—No pneumatic requirements**
- **Low working mold assembly height—15 in.**

Design Benefits

The advanced design of the PR4X Mounting Press creates a small footprint, saving you valuable lab space. Traditional closure mechanisms on older systems, such as bayonet or thread connections, are not utilized on the PR4X. Instead, the unique face-sealing design allows you to easily remove samples by simply releasing pressure and pushing the upper unit aside. Concerned about downtime? No worry, no hassle—the PR4X requires minimal maintenance!



Fluorescent Display with Stainless Keypad—Allows convenient access to all method parameters.



Unique Face-Sealing Closure System—Just push the upper unit away and remove your sample.

LECO®
Delivering the Right Results

Specifications

Available Mold Sizes	1.25 in., 1.50 in., 50 mm
Power Requirements	115V, 60 Hz or 230V, 50 Hz
Maximum Current Draw	15 amps @ 115V; 10 amps @ 230V
Other Utilities Required	continuously flowing water & drain
Dimensions	21.5 in. H x 8.5 in. W x 20 in. D (8.46 x 3.35 x 7.87 cm)

Part Numbers

PR40AD	PR4X Press (Master Unit), 115V
PR41AD	PR4X Press (Master with 1 Auxiliary Unit), 115V
PR42AD	PR4X Press (Master with 2 Auxiliary Units), 115V
PR43AD	PR4X Press (Master with 3 Auxiliary Units), 115V
PR40AI	PR4X Press (Master Unit), 230V
PR41AI	PR4X Press (Master with 1 Auxiliary Unit), 230V
PR42AI	PR4X Press (Master with 2 Auxiliary Units), 230V
PR43AI	PR4X Press (Master with 3 Auxiliary Units), 230V

Mold Assemblies

- NOTES:**
- A mold assembly must be chosen for each unit, including the master unit and any auxiliary units.
 - 1.25- and 1.50-inch mold assemblies come with a spacer to provide dual-mount capability.

809-550-125	1.25-inch Mold Assembly
809-550-150	1.50-inch Mold Assembly
808-980-50M	50 mm Mold Assembly

Consumables

800-635	Heavy Duty Gloves
804-120	Engraver
804-099	Carbide Tip Replacement
811-111	Black Bakelite (5 lb.)
811-118	Red Bakelite (5 lb.)
812-122	Black Bakelite (20 lb.)
811-144	Black Epoxy (1 lb.)
811-645	Black Epoxy (5 lb.)
811-145-120	Black Epoxy, Fine (5 lb.)
811-134	Diallyl Phthalate (1 lb.)
811-135	Diallyl Phthalate (5 lb.)
811-132	Lucite™ Powder (1 lb.)
811-133	Lucite™ Powder (5 lb.)

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

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