

PR4X Mounting System

Quality Sample Mounts • Time-Saving Efficiency



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.

- Four interchangeable mold sizes: 1.25 in., 1.50 in., 40 mm, 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

Mounting Press Specifications



	PR4X	PR-25	PR-32
Available Mold Sizes	1.25, 1.50 in., 40, 50 mm*	1.25, 1.50 in.	1.25, 1.50, 2.0 in.*
Power Requirements	115V, 60 Hz or 230V, 50 Hz	115V, 60 Hz or 230V, 50 Hz; single phase	115V, 60 Hz or 230V, 50 Hz; single phase
Maximum Current Draw	15 amps @ 115V; 10 amps @ 230V	10.5 amps @ 115V	11 amps @ 115V
Other Utilities Required	continuously flowing water & drain (no air required)	oil-less air at 85 psi, (5.86 bars) continuously flowing water & drain	oil-less air at 85 psi, (5.86 bars) continuously flowing water & drain
Dimensions	21 in. H x 8.5 in. W x 20 in. D (53 x 22 x 51 cm)	25 in. H x 17 in. W x 15 in. D (63.5 x 43 x 38 cm)	25 in. H x 17 in. W x 18 in. D (63.5 x 43 x 46 cm)

*PR-32 and PR4X will produce two mounts simultaneously—recommended sizes for dual mounts are 1.25 in. and 1.50 in. only.

Part Numbers

PR4X-Series

PR40125D	PR4X, with 1.25-inch mold assy, 120 V	PR40125I	PR4X, with 1.25-inch mold assy, 220 V
PR40150D	PR4X, with 1.50-inch mold assy, 120 V	PR40150I	PR4X, with 1.50-inch mold assy, 220 V
PR4040MD	PR4X, with 40 mm mold assy, 120 V	PR4040MI	PR4X, with 40 mm mold assy, 220 V
PR4050MD	PR4X, with 50 mm mold assy, 120 V	PR4050MI	PR4X, with 50 mm mold assy, 220 V

PR-25/814-200 Series

115 volt PR-25 with 1.25, 1.50 in. molds	814-200-125, 814-200-150
Spare mold assemblies including heater/cooler	807-927-125, 807-927-150

PR-25/814-300 Series

230 volt PR-25 with 1.25, 1.50 in. molds	814-300-125, 814-300-150
Spare mold assemblies including heater/cooler	807-928-125, 807-928-150

PR-32/805-600 Series

115 volt PR-32 with 1.25, 1.50, 2.00 in. molds	805-600-125, 805-600-150, 805-600-200
Spare mold assemblies including heater/cooler	811-652-125, 811-652-150, 811-652-200

PR-32/805-700 Series

230 volt PR-32 with 1.25, 1.50, 2.00 in. molds	805-700-125, 805-700-150, 805-700-200
Spare mold assemblies including heater/cooler	811-653-125, 811-653-150, 811-653-200

Mold Assembly Options (for PR4X)

NOTE: 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
808-980-40M	40 mm Mold Assembly
808-980-50M	50 mm Mold Assembly

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

3000 Lakeview Avenue • St. Joseph, MI 49085 • Phone: 800-292-6141 • Fax: 269-982-8977
info@leco.com • www.leco.com • ISO-9001:2008 • No. FM 24045 • LECO is a registered trademark of LECO Corporation.

LECO Corporation

