PX400/PX500

Advanced Grinder/Polisher Series

















LECO

EMPOWERING RESULTS

PX400/PX500: Advanced Grinding and Polishing

LECO's PX series emphasizes ease-of-use while delivering exceptionally flat specimens that are ideal for microhardness or microstructural work. The PX400/PX500 provides an efficient, safe, reliable, and clean grinding and polishing solution through a number of innovative, user-friendly features.



PX400

PX400A1 (115 V) PX400A2 (230 V)
Automatic model for use with fixed and individual specimen holders. Available with 8 inch (200 mm) and 10 inch (250 mm) wheels.

PX400S1 (115 V) PX400S2 (230 V)
Standard model for use with fixed specimen holders. Available with 8 inch (200 mm) and 10 inch (250 mm) wheels.



PX500

PX500A2 (230 V)
LECO's most powerful automatic grinding and polishing machine. Built to stand up to even the most rigorous demands. Available with up to12 inch (300 mm) wheels.



Product Highlights



Up to five fluid dispensers to deliver the right polishing liquid in the right amounts for any application.



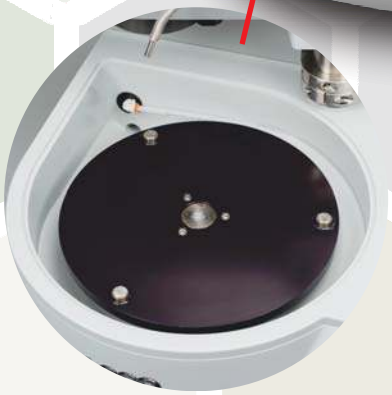
A brilliant multi-touch display with responsive graphics simplifies operation.



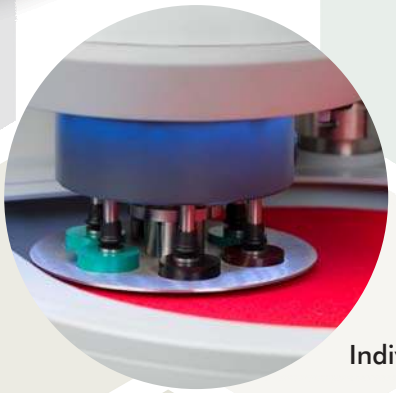


Fixed specimen holder with optional leveling plate

Available with both fixed and individual sample holders to accommodate all standard mount sizes.

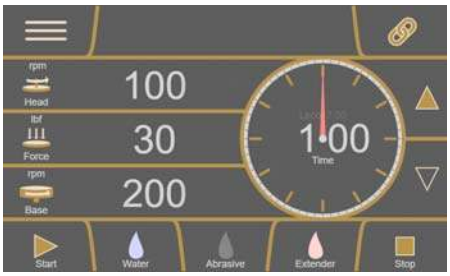


A spiral bowl design with automatic bowl-wash system keeps work area clean and helps prevent drain clogs.



Individual specimen holders.

Intuitive, Easy-to-use Software



Easily change parameters on the touch screen



Create methods to match your exact preparation needs



Guide the operator through your method with step-by-step instructions

Instrument Features

The PX series reflects LECO's commitment to quality and reliability in machines that are easy to use and harness the latest technology. The PX400 and PX500 give any laboratory a powerful solution for grinding and polishing samples for metallographic evaluation and hardness testing.

Quality Preparation

- Select speed, pressure, time, and dispenser parameters to develop methods for all sample types and sizes.
- Exceptionally flat specimens with both fixed and individual sample holders.

The Latest Technology

- Loaded with more than thirty LECO approved methods for out of the box usability.
- USB port to update firmware and save methods.

Safety

- Bright LEDs ensure the work area is safely lit, and turn off automatically when not in use.
- Emergency stop button located just under the touch-screen to quickly halt operation.

Reliability

- Designed, built, and tested to meet our exacting quality standards at LECO's global headquarters in the United States
- Rugged structural and electronic components are made to withstand the toughest environments.

Cleanliness

- Automatic water spigot can be quickly detached to further rinse away debris.
- A “spin dry” feature removes excess water from the grinding surface keeping drips to a minimum.
- Splash guard minimizes splashing to keep work area free of debris.



Consumables

Even the best metallographic equipment cannot compensate for sub-standard consumable products. LECO offers you high quality consumables for all of your metallurgical applications.

LECO Corporation
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