

PX300 Grinder/Polisher Series

Instrument Profile

Base model



**With optional
non-motorized
head**



LECO's PX300 Grinder/Polisher Series emphasizes ease-of-use while delivering specimens that are ideal for microhardness or microstructural work. Our PX300 provides an efficient, safe, reliable, and clean grinding/polishing solution for lower-volume laboratories.



Control panel for controlling wheel speed, water spigot, and timer.



Kick-stand holds head in place for easy installation of specimen holder.



Detachable water spigot for extra cleaning.



Ergonomic handle allows for safe and easy lowering of head.



Manually polish samples safely and efficiently.



A simple turn of the head's top knob adjusts the force applied to the specimens.

Base Unit

Dimensions	13.2 in H x 21 in W x 29 in D (335 mm x 533 mm x 711 mm)
Weight	148 lb (67 kg)
Voltage Input	115V; 50/60 Hz; 4.4 Amp; single phase 230V; 50/60 Hz; 2.2 Amp; single phase
Water Supply	20 to 80 psi (138 to 552 kPa)
Operating Conditions	50°F to 104°F (10°C to 40°C)
Wheel Size	8 in, 10 in, 12 in*, 200 mm, 250 mm, and 300 mm*
Motor Output	0.5 hp (0.37 kW) DC motor; gear driven
Control Panel	Stop/start, water spigot, wheel speed, timer
Bowl Wash	Electronic
Water Spigot	Electronic
Rotational Speed (RPM)	100 to 300 rpm (in 50 rpm increments)
Timer	0:30, 1:00, 2:00, 3:00, 5:00

Optional Non-Motorized Head

Head Force Range	Approximately 10 to 50 pounds
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Part Numbers

PX300B1	PX300 Manual Grinder/Polisher, Vari-Speed, 115V
PX300B2	PX300 Manual Grinder/Polisher, Vari-Speed, 230V
PX300N1	PX300 Manual Grinder/Polisher with Non-Motorized Head, Vari-Speed, 115V
PX300N2	PX300 Manual Grinder/Polisher with Non-Motorized Head, Vari-Speed, 230V

*12 in and 300 mm wheels are dependent on application.

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

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