

PX300

Grinder/Polisher Series

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 evaluation. Our PX300 provides an efficient, safe, reliable, and clean grinding/polishing solution for low-volume laboratories.



Control panel for 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.

LECO
EMPOWERING RESULTS

Specifications

Base Unit

Dimensions	13.25 in H x 21 in W x 27.5 in D (336 mm x 533 mm x 699 mm)
Weight	107 lb (48.5 kg)
Voltage Input	115 V~; 50/60 Hz; 4.4 Amp; single phase 230 V~; 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 Rating	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 min

Optional Non-Motorized Head

Head Force Range	Approximately 10 to 50 lb
Dimensions	20 in H x 21 in W x 27.5 in D (508 mm x 533 mm x 699 mm)
Weight	141 lb (64 kg); weight of base unit plus head

Part Numbers

PX300B1	PX300 Manual Grinder/Polisher, Vari-Speed, 115 V~
PX300B2	PX300 Manual Grinder/Polisher, Vari-Speed, 230 V~
PX300N1	PX300 Manual Grinder/Polisher with Non-Motorized Head, Vari-Speed, 115 V~
PX300N2	PX300 Manual Grinder/Polisher with Non-Motorized Head, Vari-Speed, 230 V~
811-655-870	Kit to add Non-Motorized Head

Options

811-655-873	Specimen Holder for eight (8) 1 in diameter samples
811-655-872	Specimen Holder for six (6) 1.25 in diameter samples
811-655-871	Specimen Holder for four (4) 1.5 in diameter samples
811-655-818	5.75 in diameter Leveling Plate/Splash Guard

*12 in and 300 mm wheels only appropriate for use without head.

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

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