



LabPro 150

Precision Saw

Features

- 100 – 1500 rpm
- Micrometer for precise cutting
- Gravity feed load (1000g)
- Simple controls
- Versatile clamps/vises



Solutions for Metallographic Sample Preparation

LABPRO 150 PRECISION SAW SPECIFICATIONS

Description	LabPro 150
Blade Feed	Gravity (0 - 1000 grams)
Blade Size	4in, 5in, and 6in (100mm, 125mm, 150mm)
Blade Speed	100 – 1500 rpm
Micrometer Travel (Y-Axis)	0 – 1in (0 – 25mm)
DC Motor	125W
Power	110 VAC 60Hz
Position Accuracy	0.1mm
Machine Weight	50 lbs (23kg)
Dimension w/ Hood Closed	16in D x 20in W x 13 in H (406mm D x 508mm W x 330mm H)

The LabPro 150 Precision Saw by OnPoint Abrasives is a state-of-the-art cutting solution designed specifically for the rigorous demands of metallography and materials analysis in laboratory environments. This precision saw combines cutting-edge technology with robust construction to deliver exceptional performance, accuracy, and reliability.

Key features of the LabPro 150 Precision Saw include:

- **Precision Cutting:** Designed with a built-in digital micrometer, the LabPro 150 ensures accurate and repeatable cuts, allowing for precise sectioning of various materials with minimal sample distortion.
- **Versatile Cutting Capabilities:** The LabPro 150 is capable of cutting a wide range of materials commonly encountered in metallography and materials analysis, including metals, ceramics, composites, and more. Its versatility makes it suitable for a diverse array of laboratory applications.
- **Adjustable Cutting Parameters:** Variable speed from 100 to 1500 rpm, gravity-feed load/counterbalance mechanism up to 1000 grams, and a built-in cutting fluid reservoir, providing users with the flexibility to tailor the cutting process to meet specific sample requirements.
- **Safety Features:** The LabPro 150 is equipped with comprehensive safety features to protect users and maintain a safe working environment. These include an enclosed cutting chamber, emergency stop functionality, magnetic safety lock-out, and a safety cut-off switch, ensuring peace of mind during operation.
- **Durable Construction:** Built to withstand the rigors of laboratory use, the LabPro 150 features a robust construction with high-quality materials, ensuring long-term durability and reliability even in demanding operating conditions.
- **User-Friendly Design:** Designed with user convenience in mind, the LabPro 150 features an ergonomic design with simple controls, making it easy to set up, operate, and maintain. Clear labeling and intuitive interface enhance user experience and minimize training requirements.
- **Compact Footprint:** Despite its powerful cutting capabilities, the LabPro 150 boasts a compact footprint, making it ideal for laboratories with limited space. Its space-saving design ensures efficient utilization of laboratory workspace without compromising on performance.
- **Compatibility with Accessories:** The LabPro 150 is compatible with a range of specimen chucks, allowing users to fixture nearly any specimen geometry and enhance its functionality to suit specific applications and workflow requirements.



LabPro 150

Precision Saw



Diamond or Abrasive Blades

- Accepts 4in, 5in and 6in blades
- ½-in arbor (industry standard)

Micrometer

- Accuracy +/- 0.1mm
- Repeatable results

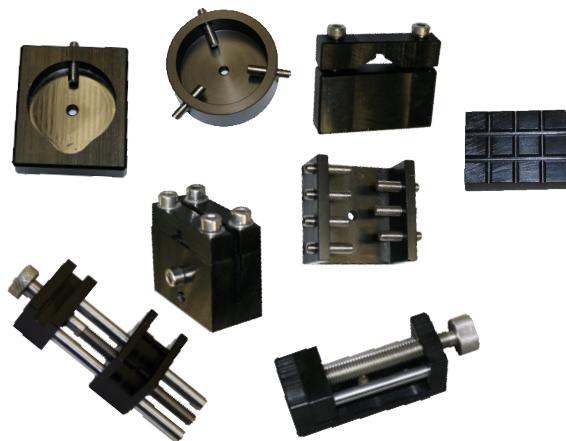
Gravity Feed Load

- Counterbalance included
- Slide weight to increase load

Simple Controls

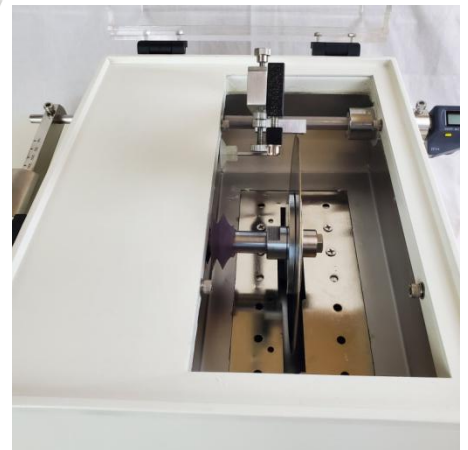
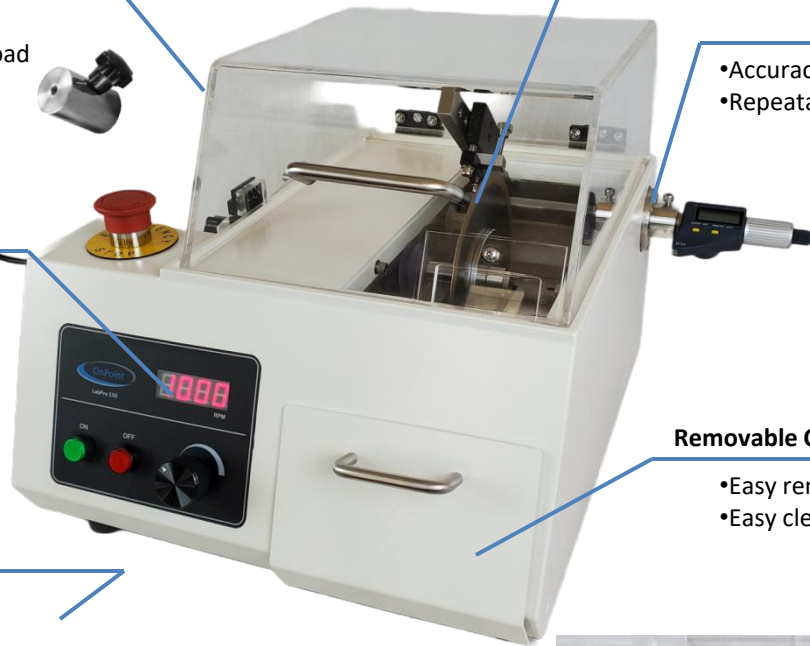
- On/Off buttons
- Speed 100 to 1500 rpm
- Digital readout

Versatile Clamps/Chucks



Removable Coolant Reservoir

- Easy removal
- Easy cleaning



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