

Saphir 520/530 Series Specimen Preparation Systems



Elegant. Functional.

The **Saphir 520 series** (single wheel) and **Saphir 530 series** (twin wheel) specimen preparation systems are built for routine usage and automatic preparation at an affordable price.

Available in either 200mm (8") or 250mm (10") wheel variable speed formats, the Saphir 520/530 series can be tailored for any application.

The Rubin 500 polishing head has an easy to use interface for precise control and reproducibility in sample preparation.

A solid, welded aluminium plate housing with a powder coated finish, resists corrosion and grime.

All electrical components, spindles and moving parts are modular for easy cleaning and maintenance.



Saphir Grinding & Polishing Machines

520 Series –Single wheel

Wheel/ Disc Size:
200, 250mm / 8, 10"

Speed:
50—600 rpm variable

Power:
230V, 1 Phase

Dimensions W x H x D:
470 x 480 x 620 mm

Weight: 53 kg

530 Series –Twin wheel

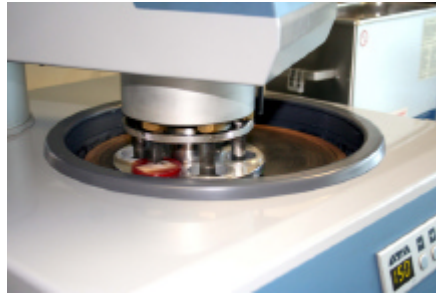
Wheel/ Disc Size:
200, 250mm / 8, 10"

Speed:
50—600 rpm variable

Power:
230V, 1 Phase

Dimensions W x H x D:
760 x 480 x 620 mm

Weight: 68 kg



Saphir 520/530 series are capable of two modes of operation: **Single Sample Mode** for individual mounts and **Sample Holder Mode** for multiple samples in a traditional holder.

Programmable preparation steps are set using a simple user interface and LCD display



Polishing abrasives can be applied manually or automatically using the optional **Topaz Diamond Dosing System**.



Wide opening **Polishing and Grinding wheel** with an extendable spigot for easy cleaning.

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