

Saphir 550 Specimen Preparation System

12
inch



Effortless. Skillful.

The **Saphir 550 Specimen Preparation System** is a semi-automatic, 12 inch format machine that handles a variety of sample preparation tasks. It features single and multiple sample modes of operation and variable speeds. Repeatability is guaranteed by the programmable, touch screen control panel.

ensures the correct sample grinding and polishing force. A powerful, belt-driven wheel and sample mover head can handle large sample sizes or a high volume application.

Through excellent engineering and design, the Saphir 550 is easy to maintain and provides all the features that other machines consider options.

Electronically regulated
pneumatic sample loading



Saphir 550 Variable Speed Specimen Preparation System

Wheel / Disc Size:
250, 300 mm / 10, 12"

Wheel / Disc Format:
Plain, Magnetic Disc,
VacuJet

Speed:
50 - 600 rpm, Variable

Power:
110 V / 60 Hz, 1 Phase

Dimensions W x H x D:
22 x 25 x 26"

Weight: 186 lbs

Grinder / Polisher Head

Speed: 120 rpm

Individual Pressure Mode:
Single Samples:
1 - 6 up to 50 mm / 2"
Force: 5 - 100 N

Central Pressure Mode:
Up to 12 Samples per Holder
Force: 20 - 400 N

Optional:

Automatic Diamond Dosing

VacuJet System

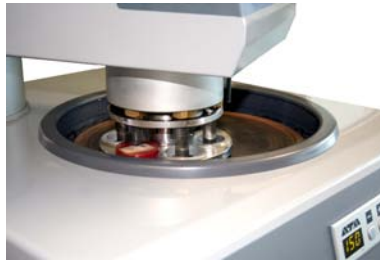
SystemLab Furniture



Full programmability of all preparation parameters including **Automatic Diamond Dosing Levels**, ensures repeatability



The Saphir series can be built into the **SystemLab Furniture** for a floor standing unit with rinsing sink



Saphir 550 is capable of two modes of operation: **Single Sample Mode** for individual mounts, and **Sample Holder Mode** for multiple samples in a traditional sample holder



Unique **Extendable Water Spigot** for rinsing and cleaning the recessed bowl

