

Saphir 560 Sample Preparation System



Tailored. Impressive.

The **Saphir 560 Specimen Preparation System** is a semi-automatic, 300mm (12") 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.

Electronically regulated pneumatic sample loading 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 560 is easy to maintain and provides all the features that other machines consider options.



Saphir 550 Variable Speed Specimen Preparation System

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

Wheel/ Disc Format:
Plain, Magnetic Disc,
VacuJet

Speed:
50—600 rpm variable

Power:
1.1 kW, 230V, 1 Phase

Dimensions W x H x D:
1020 x 530-630 x 660 mm

Weight: 120 kg

Grinder/Polisher Head

Speed: 120 rpm

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

Central Pressure Mode:
Up to 12 Sample per holder
Force: 20-400N

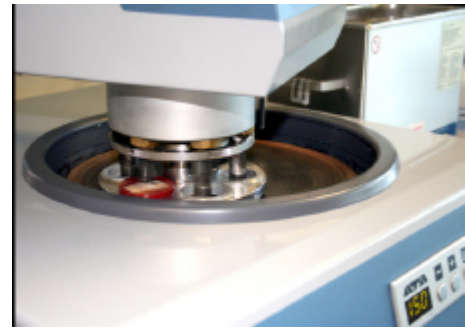
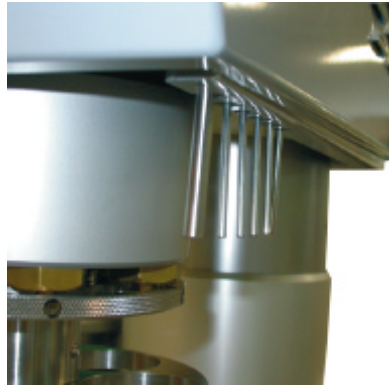
Optional:

Automatic Diamond/Oxide
Dosing

Independent Motor Controls

VacuJet System

SystemLab Furniture



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.

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



The Saphir series can be built into the **SystemLab Furniture** for a high volume floor standing machine.

Optional **Sedimentation Tank** uses a baffle system and filter bags to reduce discharge of abrasives and solids to drain.

MetPrep Ltd, Curriers Close, Charter Avenue, Coventry. CV4 8AW.
Tel: 024 7642 1222 Fax: 024 7642 1192
Email sales@metprep.co.uk Website www.metprep.co.uk