

Saphir 350mm Stone Grinder



Efficient. Easy.

The **ATM Stone Grinder** is a water cooled, high speed machine for quickly plane grinding samples in a specimen holder. The coarse grit stone turns at 1500 rpm to plane grind a typical batch of samples in less than 30 seconds. Both mounted and unmounted specimens are easy work for this high speed machine.

Grinding depth (Z-axis) is pre set allowing the operator to remove a consistent amount of material on every sample batch. Removal depth, time and grinding force are easily programmed into the machine using the graphical touch control screen.

The Stone Grinder is built in a floor standing SystemLab cabinet, which provides convenient storage of the included recirculation system.

The only system on the market which uses a unique automatic diamond dressing tool. This important operation is regulated by automatic advance of the diamond tool.



ATM Stone Grinder

Grinding Wheel:
350mm / 14" diameter

Speed:
1500 rpm

Power:
5 kW (6.6 HP) , 415V,
3 Phase

Sample Holder Capacity:
160-204 mm

Controlled Stock Removal:
Automatic, variable in
10µm steps

Fully Automatic Diamond
Dressing

Recirculating System:
45 Litres / 12 gallons

Dimensions W x H x D:
890 x 1070 x 660 mm

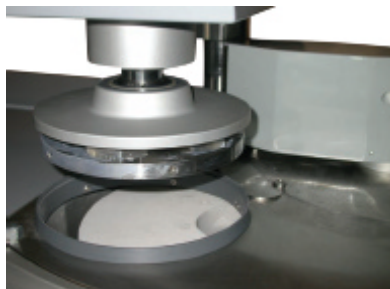
Weight: 254 kg



Graphical Touch Screen Control Panel provides complete process control and programmability.



Unique, dual chamber **Recirculation System** with stainless steel basket and filter bag preserves coolant and fits perfectly in the SystemLab cabinet.



Completely covered, the **Automatic Diamond Dressing Tool** saves operator time and produces a perfectly dressed stone.

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