

Stone Grinder

14
Inch



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 grinding 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.

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.

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 screen control panel.

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



ATM Stone Grinder

Grinding Stone:
350 mm / 14" Diameter

Speed: 1500 rpm

Motor: 6.6 HP

Sample Holder Capacity:
160 - 204 mm

Controlled Stock Removal:
Automatic, Variable in
10 μ m Steps

Fully Automatic Diamond
Dressing

Power: Specify Voltage,
60 Hz, 3 Phase

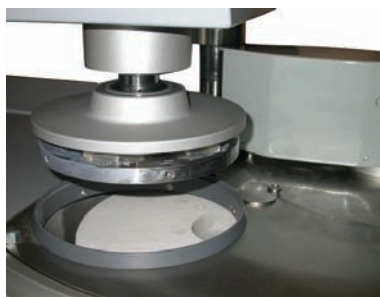
Dimensions W x H x D:
35 x 56 x 32"

Weight: 560 lbs

Recirculating System:
45 L / 12 Gallons



Graphical Touch Screen Control Panel provides complete process control and programmability



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



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

