

Saphir Vibro Automatic Vibratory Polisher

10
inch



Enhanced Automation

The Saphir Vibro is the world's most advanced vibratory polisher, engineered for an enhanced and unparalleled user experience. Operators can polish specimens to a sub-micron final finish.

An innovative bowl design combines a magnetic base and push button removal. This means hassle-free processing without the need for tools. The Saphir Vibro automatically selects the optimal vibratory

frequency based on how much weight is loaded into the polishing bowl. Software achieves reproducibility with pre-installed preparation methods and storage for up to 200 programs.

The Saphir Vibro is ideal for preparing specimens for Electron Backscatter Diffraction (EBSD), SEM inspection, Nano indentation and Micro indentation hardness testing.



Saphir Vibro Automatic Vibratory Polisher

Wheel / Disc Size:
300 mm, 305 mm / 12"

Wheel / Disc Format:
Plain, PSA, Magnetic Disc

Vibration Frequency:
60 - 120 Hz

Communication Ports:
USB, Ethernet

Connection Power:
0.25 kVA

Drive Power:
0.135 kVA

Power:
120 V / 60 Hz, 1 Phase
220 V / 60 Hz, 1 Phase

Dimensions W x H x D:
510 x 300 x 590 mm
20 x 12 x 23 inches

Weight:
~ 45 kg / ~99 lbs

Optional Holders

Ø 25-25.4 mm (1"),
300 g, additional weight 90 g

Ø 30-32 mm (1 1/4"),
220 g, additional weight 90 g

Ø 38-40 mm (1 1/2"),
550 g, additional weight 190 g

Ø 50 mm (2"),
360 g, additional weight 190 g

Levelling plate for samples
Ø 25-50 mm, 1-2"



Bowl capacity for up to 21 mounted specimens, an entire sample holder, large unmounted parts or a combination of all in the vibratory polisher



If left unattended, the **Surface Guard** feature periodically vibrates after program completion, minimizing corrosion and/or crystallization of the sample surface



Touch screen control panel includes pre-installed preparation methods, an option for automatic frequency control and up to 200 user programs

