

Metallographic Sample Grinding and Polishing Machine iGrind-451



In the metallographic sample preparation, pre-grinding, polishing and grinding are the indispensable procedures.

This machine is produced with ABS sewage collection plate and cover and is the latest product with a new and beautiful appearance. This machine is controlled by single chip microcomputer, with grinding disc stepless speed regulation and digital tube display.

The motor is DC brushless motor and don't need to replace the brush, used for a long time. The machine is non-toxic painted. Strong large support chassis design ensures the precision rotary balance. Powerful motor brings strong power and efficient grinding and polishing experience.

Spindle leak-proof design ensures the bearing almost without damage and the super mute design brings a good experience. It supports for fast disc replacing system, with the use of elasticity. Features: low noise, convenient operation, beautiful appearance, safe use.

This machine can be adapted to various materials preparation of test samples, and therefore it is the ideal equipment for metallographic sample preparation.

Main Parameters:

Model	iGrind-451 Single Disc	iGrind-452 Double Disc
Disc Diameter	230mm	230mm
Abrasive Paper Diameter	230mm	230mm
Rotating Speed	100~1400rpm, stepless;	100~1400rpm, stepless;
Rotating Direction	Clockwise or Anticlockwise	Clockwise or Anticlockwise
Electromotor	DC brushless motor, 220V, 400W	DC brushless motor, 220V, 400W
Dimensions	420×623×320mm	757×623×350mm
Weight	30kg	60kg