

## Single Disc 250mm Water Cooling Automatic Grinding and Polishing Machine Stepless Speed



### Brief Introduction:

HMP-1A single disc automatic grinding and polishing machine which integrates pre-grinding, grinding and polishing.

By using single-chip microcomputer technology to control through touch screen, grinding disc is driven by DC brushless motor, V belt is driven, grinding head is driven by stepping motor, synchronous belt is driven by stable rotation, low noise, long life, safety and reliability.

With its own cooling device, the sample can be cooled during grinding to prevent the failure of metallographic structure due to overheating of the sample.

It is an ideal choice for metallographic sample preparation equipment in factories, scientific research units and laboratories of colleges and universities.

### Technical Specification:

Product model	HMP-1A
Number of grinding discs	1
Grinding disc diameter	250 mm
Speed of grinding disc	100-1000rpm, Quick setting 300, 500, 800, 1000rpm
Rotating direction of grinding disc	clockwise or counterclockwise
Grinding head motor	Brushless motor 1100 W
Grinding head speed	20-120 r/min
Direction of rotation of grinding head	clockwise
Grinding head motor power	200W stepper motor
Timing Adjustable	0-99min
Pressure mode	Single point pneumatic pressure
Pressure	0-60 N
Sample holder quantity	6
Sample gripping specification	30mm, (optional 22mm, 45mm. support customized)
Power supply	AC220V/50Hz/1Ph
Shape dimensions	475*660*710 mm