

## Automatic metallographic sample grinding and polishing machine



### Product overview:

HMP-2AB is a single-disc automatic grinding and polishing machine integrating pre-grinding, grinding and polishing.

It adopts single chip microcomputer technology to control through touch screen, the grinding and polishing disc is driven by DC brushless motor, V-belt is used for transmission, the grinding head is driven by stepping motor, and the synchronous belt is used for transmission.

It has the characteristics of stable rotation, low noise, long life, safety and reliability.

### Technical parameter:

Product model	HMP-2AB
Number of grinding discs	2 Grinding discs
Diameter of grinding and polishing disc	254mm
Rotation speed of grinding and polishing plate	stepless speed regulation 100-1000r/min quick set four-speed 300/500/800/1000r/min
Rotation direction of grinding and polishing disc	Clockwise and Anticlockwise
Grinding disc motor power	Stepping motor 200W
Rotation direction of grinding head	Clockwise
Rotating speed of grinding head	0—150r/min
Grinding head motor	Stepping motor 200W
Grinding head locking method	automatic
Timing adjustable time	0-99min
Pressure adjustment method	Automatic pressure regulation inside the system
Pressure method	Single point pneumatic pressure and center pneumatic pressure
Pressurized pressure	Center: 0-150N (common range 40-120N) Single point: 0-90N
Number of specimen clamps	6
Strength of specimen thickness	8-22mm (can be customized)
Specimen clamping specifications	Standard $\Phi 30$ , ( $\Phi 22$ $\Phi 30$ $\Phi 45$ any specifications are optional, special specifications can be customized)
power supply	220V 50Hz
Total power	2.8KW
Dimensions	755*660*710mm
weight	100kg