

AUTOMATIC METALLOGRAPHIC SPECIMEN GRINDING & POLISHING MACHINE



DESCRIPTION

Model HETAPOL-1000P is a kind of pneumatic type automatic metallographic specimen grinding and polishing machine equipped with an automatic polishing head and features step-less speed changing and four-level constant speed for grinding and polishing. The working time can be preset, and the rotating direction can be controlled. It can finish the whole process of rough grinding, fine grinding, rough polishing, and finishing polishing for specimen preparation. It is the necessary metallographic specimen-preparing instrument for use in factories, scientific research institutes, and laboratories of colleges.

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FEATURES:

- Six pieces $\Phi 30$ mm samples can be grinded and polished simultaneously.
- Both the grinding disc and polishing head adopt step-less speed control, and the rotating direction of a grinding disc can be shifted.
- Pneumatic single point loading, fix the sample and then it can complete the whole process of grinding and polishing, and this can ensure the plane parallelism of a sample.
- Working time and rotating speed presetting
- Quick exchanging disc. The working disc can be changed and replaced swiftly.
- Equipped with magnetic disc and anti-sticky disc which is very convenient for quick changing of abrasive paper and polishing cloth.

TECHNICAL SPECIFICATIONS:

Model No.	HETAPOL-1000P
Diameter of working disc	250mm (200mm or 300mm is optional)
Rotating speed of the working disc	Step-less speed changing 50-1000 rpm, and four-level constant speeds of 200 / 600 / 800 / 1000 rpm
Rotating speed of the polishing head	Step-less speed changing 5-150 rpm (5-200 rpm optional)
Sample holder	$\Phi 30$ mm, 6-hole (or customized)
Loading force range	5-60N
Sample preparing time	0-9999 seconds
Power supply	Single phase, 220V, 50Hz
Motor power	750W
Dimensions	760 x 480 x 700 mm
Net weight	70 Kg

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