

AUTOMATIC METALLOGRAPHIC SPECIMEN GRINDING & POLISHING MACHINE

Features

- ☞ Double grinding & polishing discs
- ☞ Six pieces of samples can be grinded and polished simultaneously.
- ☞ Both the grinding disc and polishing head adopt step-less speed control, and the rotating direction of the grinding disc can be shifted.
- ☞ The electric central force holding fixes the sample and then it can complete the whole process of grinding and polishing, and this can ensure the plane parallelism of sample.
- ☞ The loading force can be adjusted during the running process.
- ☞ Working time pre-setting
- ☞ Quick exchanging disc.



HP-2D Automatic Metallographic specimen grinding and polishing machine is equipped with an automatic polishing head and features step-less speed changing and three-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.

Technical specifications:

- Diameter of working disc: 250mm (200mm is optional)
- Rotating speed of working disc: step-less speed changing 50-1000 rpm, and three-level constant speeds of 300 / 600 / 900 rpm
- Rotating speed of polishing head: step-less speed changing 5-100 rpm
- Sample holder: Φ 30mm, 6-hole (or customized)
- Sample preparing time: 60-999 seconds
- Pressure range: 5-170N
- Power supply: Single phase, 220V, 50Hz
- Input power: 700W
- Dimensions: 980 x 920 x 900 mm
- Net weight: 86 Kg

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