

HST-MoPao-2BT Metallographic Specimen Polishing And Grinding Machine



Introduction:

This machine is a mechanical single-point loading automatic grinding and polishing machine in the combined grinding and polishing machine. Grinding and polishing can be completed in the same machine. The machine is equipped with a water cooling device, which can perform multiple sample preparation steps such as rough grinding, fine grinding and fine polishing on the sample.

This machine adopts a touch screen operation panel, a user-friendly operation interface, simple and convenient;

Microprocessor control system: can directly obtain a speed between 50-1200 rpm, and also has a six-level constant speed function;

With a cooling device: the sample can be cooled during grinding and polishing to prevent the metallographic structure from being destroyed due to overheating of the sample;

The all-aluminum lower turntable is thick and stable, making the support and rotation more stable. The chassis will run at a constant speed when pressure is applied;

With a spring-loaded grinding and polishing head, 1-3 samples can be made at one time, which provides grinding and polishing efficiency and frees the operator's hands;

Applicable fields: easy to use and safe, it is an ideal sample preparation equipment for factories, scientific research units and laboratories of colleges and universities.

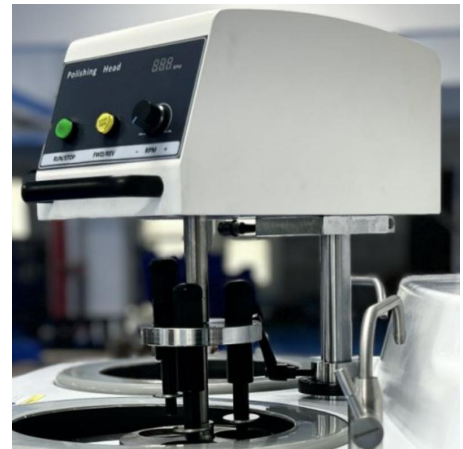
Main Technical Parameters:

Main parameters of grinding and polishing machine:

- Working voltage: 220V, 50Hz
- Grinding disc/polishing disc diameter: $\phi 203\text{mm}$ ($\phi 230\text{mm}$ can be customized)
- Grinding disc/polishing disc speed:
 1. Step-less speed change: 50-1200 rpm
 2. Six-level fixed speed: 150 rpm, 300 rpm, 450 rpm, 600 rpm, 900 rpm, 1200 rpm
- Sandpaper/polishing cloth diameter: 200mm ($\phi 230\text{mm}/250\text{mm}$ can be customized)
- Direction: Clockwise/counterclockwise
- Cooling: Water cooling system
- Motor: 550W

Grinding and polishing head parameters:

- Grinding and polishing disc speed: 0-200r/min
- Force acting on each sample: 0~40N
- Number of samples prepared: 1-3
- Forward/reverse selection function: yes
- Adjustable speed: optional
- Power supply 220V 50Hz
- Power: 120W
- Net weight 16kg



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