

HST-MoPao4ST Metallographic Specimen Grinding and Polishing Machine



Application:

The HST-MoPao4ST automatic grinding and polishing machine is a double-disc desktop grinding and polishing machine. According to international standards, it adopts international advanced technology to develop and manufacture a new type of grinding and polishing equipment with single-point force addition. (No electronic proportional valve, manual pressure regulation)

Features:

The rotation direction of the grinding and polishing disk can be selected arbitrarily, and the grinding and polishing disk can be quickly replaced; it has a multi-sample clamp and a specific pneumatic single-point loading function. This machine adopts an advanced microprocessor control system, which makes the rotation speed of the grinding and polishing disc and grinding and polishing head infinitely adjustable, and the sample preparation pressure and time settings are intuitive and convenient. Just replace the grinding and polishing disc or sandpaper and fabric to complete the grinding and polishing process. This enables the machine to exhibit a wider range of applicability. It has the characteristics of stable rotation, safety and reliability, low noise and the use of cast aluminum base to increase the rigidity of grinding and polishing.

This machine is equipped with a water cooling device, which can cool the sample during grinding to prevent damage to the metallographic structure due to overheating of the sample and to flush away the abrasive

particles at any time; it is also equipped with a fiberglass casing and stainless steel standard parts. It is more beautiful and elegant, and has improved anti-corrosion and anti-rust properties and is easy to clean.

It is suitable for automatic sample preparation of metallographic samples from rough grinding, fine grinding, rough polishing to fine polishing. It is an ideal sample preparation equipment for enterprises, scientific research institutions and laboratories of universities and colleges.

Technical Parameters

Model	HST-MoPao4ST
Grinding Disc Diameter	φ250mm (φ230mm, φ300mm can be customized)
Grinding and polishing disc speed	50-1000 r/min (stepless speed regulation) and 300/600/900 r/min
Grinding and polishing disc steering	adjustable forward and reverse selection
Grinding and polishing head speed	5-150 r/min (stepless speed regulation)
Number of prepared samples	6 pcs
Input air source	0.4-0.7Mpa
Loading range	0-0.7Mpa adjustable
Sample preparation time	0-3000S
Sample diameter	Factory standard φ30mm (can be customized with diameters φ22-φ45mm)
Dimensions	735*570*590mm
net weight	100kg
gross weight	120kg
Input power	1.1KW
power supply	Single phase 220V, 50HZ

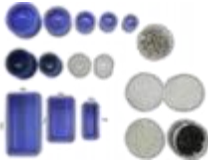
Packing List:

Description	Quantity
Metallographic sample grinding and polishing machine HST-MoPao4ST	1
Product Manual	1
Product certification	1
Packing List	1
Polished velvet cloth Φ250	2
Metallographic sand paper Φ250	8
Aluminum buckle ring Φ250	2
Grinding and Polishing disc Φ250	2
Drainage pipe	1
Inlet pipe	1
Pressure resistant tube	1

Oil and water separator	4
Magnetic Disk	2
Anti-stick disc	5
Leveling the feet	4
Power cable	1
Dust cover	2
Single point clamping disc	1
Water retaining ring	2

Metallographic consumables

Focus on metallographic equipment and consumables research and development of professional brand

			
Diamond cutting piece	Resin cutting sheet	Metallographic cutting Coolant	CBN cutting piece
			
CM-7 Cold mounting material	Cold/hot mosaic powder	Die for cold Mounting	Mounting material
			
Diamond Grinding Disk	Metallographic sandpaper	MEGULAR	Diamond paste
			
Polishing powder	Polishing lubricant coolant	Metallographic polishing cloth	Polishing liquid