

Metallographic sample grinding and polishing machine

Model: MP-2DT

Product overview:

In the metallographic sample preparation process, the grinding and polishing of the sample are indispensable procedures. After the sample is polished, a mirror-like surface can be obtained.

The MP-2DT metallographic sample grinding and polishing machine adopts a high-end touch screen, which can make the speed of the grinding and polishing disk infinitely adjustable between 50-1000r/min.

The grinding and polishing process of the sample can be completed by replacing the metallographic sandpaper and polishing fabric. , Showing a wider range of applicability.

The shell adopts integral blister, novel appearance, stable rotation, low noise, convenient operation, high working efficiency, etc., and comes with a cooling device, which can cool the sample during grinding and polishing to prevent damage due to overheating of the sample Microstructure.

It is suitable for the metallographic laboratory of factories, universities and research institutes. It is an excellent equipment for grinding and polishing metallographic samples.



Main functions and features:

1. The shell is integrally formed with high-end ABS, with novel appearance and high-end atmosphere.
2. The faucet adopts full copper chrome plating process, which has good corrosion resistance.
3. With automatic cleaning function, it can automatically clean the dirt collection tank to keep the dirt collection tank clean. (optional)
4. DC brushless motor, stable rotation, low noise and long life. (optional)
5. Stepless speed regulation plus eight-speed constant speed, convenient and fast to meet various needs.
6. Countdown function, the time can be set arbitrarily, and the machine will stop when the time comes. (optional)
7. The grinding and polishing disc can be rotated clockwise or counterclockwise to meet different needs.
8. The use of double discs and dual controls is more flexible, making sample preparation more efficient.

Technical parameters:

Diameter of Grinding Disc	Standard ϕ 203mm (other specifications customized)
Rotating Speed of Grinding Disc	50-1000r/min (stepless speed) and 8 fixed speeds
Rotation direction	Clockwise and Anticlockwise
Grinding and polishing plate control	Dual-disc and separated control
power supply	Voltage: 220V Frequency: 50HZ
Motor	0.55KW
Appearance size	730×765×320mm
weight	42Kg

Configuration list:

Product accessories	unit	quantity	Remark
Grinding and polishing disc	pc	2	Installed on the device
Water retaining ring	pc	2	Installed on the device
Pressure ring	pc	2	Installed on the device
Water sandpaper	pc	2	Φ 203mm
Polished fabric	pc	2	Φ 203mm
Inlet pipe	pc	1	Φ 6 points interface
Outlet pipe	pc	1	Φ 32
Technical documents	1 copy of product manual	1 copy of product certificate	