

## Touch screen single disc metallographic sample grinding and polishing machine

### Model: MP-1T

#### 1. Product overview:

iqualitrol MP-1T metallographic sample grinding and polishing machine adopts a high-end touch screen, which can make the speed of the grinding and polishing disc infinitely adjustable in the range 50-1000r/min.

The grinding and polishing process of the sample can be completed by replacing the metallographic sandpaper and polishing fabric.

The shell adopts integral blister, novel appearance, stable rotation, low noise, convenient operation, high working efficiency, 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.



#### 2. Main functions and features:

1. The shell is made of high-end ABS, which has a novel appearance and high-end atmosphere.
2. The faucet adopts all-copper chromium plating process, which has good corrosion resistance
3. With automatic cleaning function, it can automatically clean the sewage tank to keep the sewage tank clean (optional)
4. Brushless DC motor, stable rotation, low noise, long life (optional)
5. Stepless speed regulation plus eight-speed fixed speed, convenient and quick 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 plate can be rotated clockwise or counterclockwise to meet different needs

**3. Technical parameters:**

Diameter of Grinding Disc	Standard $\phi$ 203mm (other specifications customized)
Rotating Speed of Grinding Disc	50-1000r/min, Stepless speed
Rotating Speed of Grinding Disc	Eight gear fixed speed
Rotation direction	clockwise and anticlockwise rotation
power supply	Voltage: 220V Frequency: 50HZ
Iqualitrol Motor	0.25KW
Appearance size	730×420×320mm
weight	35Kg

**4. configuration list:**

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