

MPoli-250M/300M

Manual Metallographic Grinding and Polishing Machine



Video



Contact us

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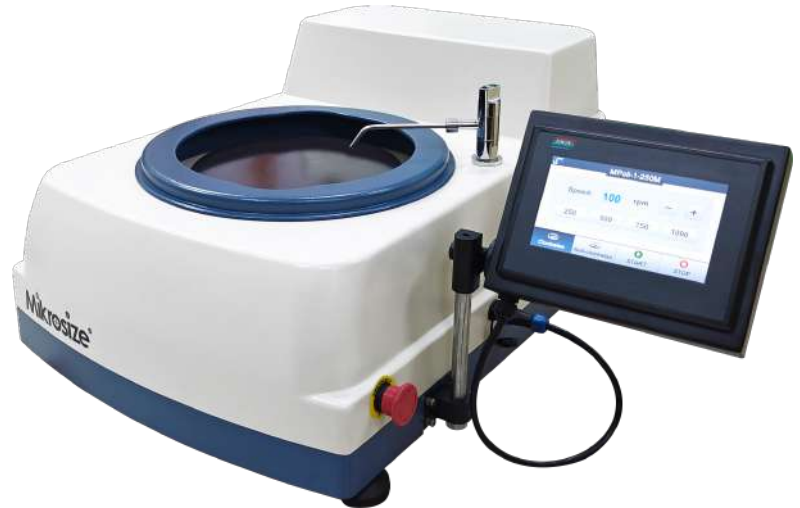
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Features and Applications

Product Features

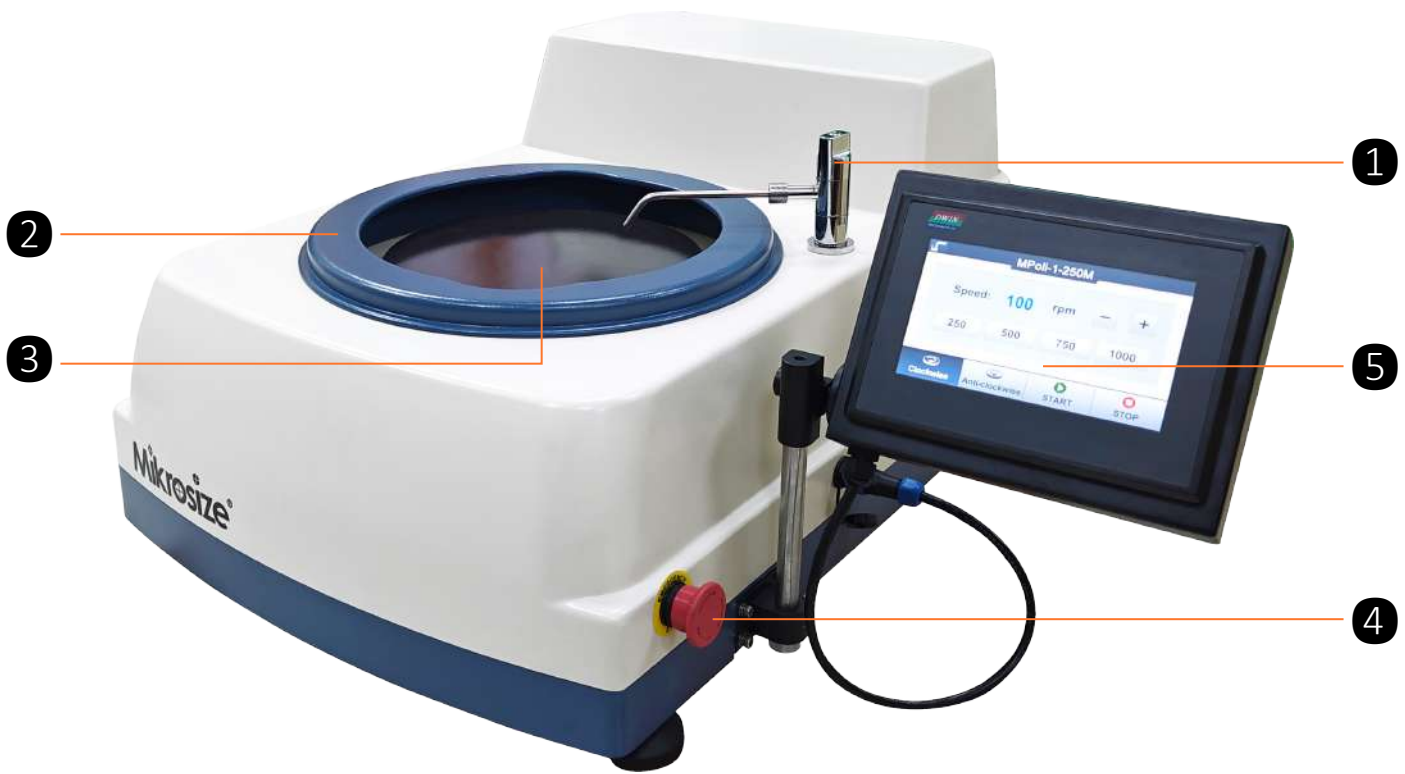
- 7 - inch LCD touch screen.
- The machine body is integrally formed with ABS material, which is corrosion - resistant and durable.
- It adopts a servo motor, with low noise and strong power.
- Grinding disc has four - level fixed speeds and supports stepless speed regulation, with a speed range of 50 - 1000 r/min.
- The rotation direction is adjustable, and it can be switched between clockwise and counter-clockwise directions at any time.
- Equipped with a magnetic disc. With a Teflon non - stick disc, rapid disc replacement can be achieved.
- Equipped with a cooling water pipe, the direction can be rotated and adjusted.
- Electromagnetic water valve allows for controlling water on and off through the touch screen.



Product Applications

- Preparation of metallographic specimens of various metal materials such as steel, aluminum alloys, and copper alloys.
- Used in the grinding and polishing processes during chip manufacturing to improve the performance and reliability of chips.
- Grinding and polishing the surfaces of rock and mineral specimens to observe their internal structures, mineral compositions, and other information.
- Used for teaching demonstrations and scientific research.

Product Details



1. Water Faucet

2. Splash Guard

3. Grinding And Polishing Disc

4. Emergency Stop Button

5. Touch Screen



1. Touch Screen Interface

Product Details



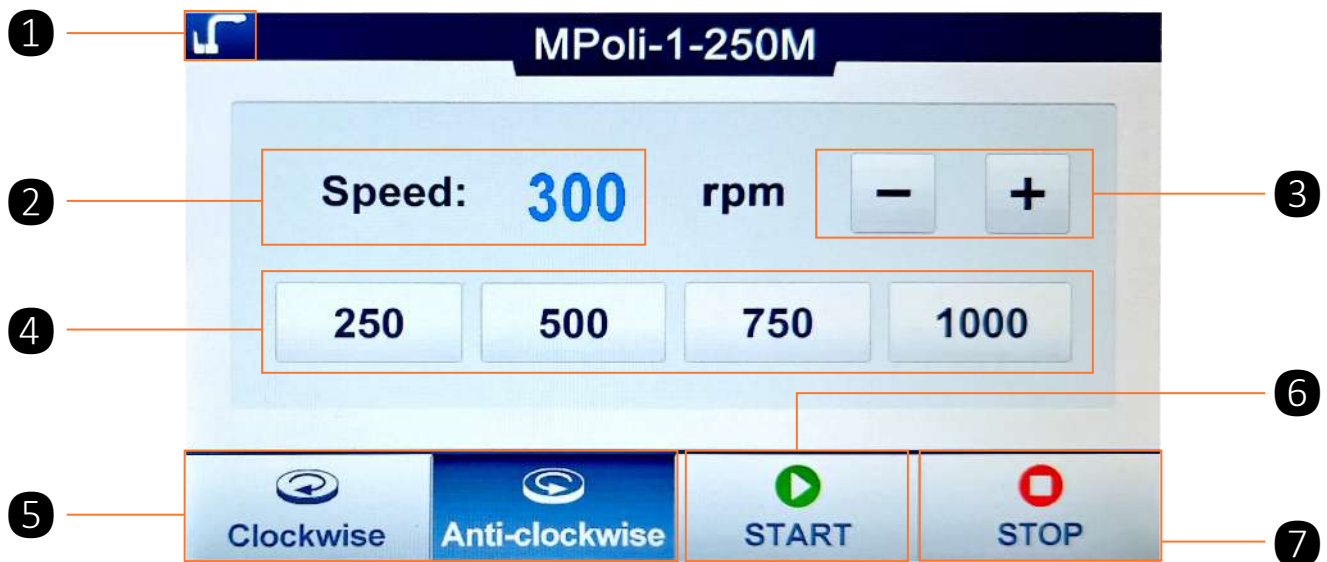
1.Power Cord Interface

2.Switch

3.Water Inlet

4.Water Outlet

Display Screen



1.Water Faucet Control Switch

2.Rotation Speed Value: Click To Manually Enter The Value

3.Rotation Speed Increase And Decrease Adjustment Keys: The Adjustment Step Is 50 Rpm Each Time

4.Four - Level Fixed Speed

5.Rotation Direction Selection Key

6.Start

7.Stop

Ordering Information



MPoli-1-250M Manual Metallographic Grinding and Polishing Machine
MPoli-1-300M Manual Metallographic Grinding and Polishing Machine



MPoli-2-250M Manual Metallographic Grinding and Polishing Machine
MPoli-2-300M Manual Metallographic Grinding and Polishing Machine

Technical Specification

Name	Metallographic grindingpolishing machine			
Model	MPoli-1-250M	MPoli-1-300M	MPoli-2-250M	MPoli-2-300M
Disc Type	Single disc		Dual disc	
Grinding Polishing Disc Diameter	254mm	300mm	254mm	300mm
Abrasive Paper Diameter	250mm	300mm	250mm	300mm
Rotation Speed	Stepless speed regulation 50 - 1000 r/min			
Rotation Direction	Switchable clockwise and counterclockwise			
Motor	Servo motor, 220V, 1.5kW			
Display And Operation	7 - inch high - definition LCD touch screen Automatic water - out function			
Input Power Supply	Single - phase 220V, 50Hz, 8A			
Machine Overall Dimensions	800×800 ×360mm	800×800 ×360mm	1200×800 ×360mm	1200×800 ×360mm
Net Weight	50kg	57kg	85kg	95kg

Standard Delivery

Name	Qty	Photo
Machine Mainframe	1	
Grinding And Polishing Disc $\Phi 254\text{mm}$	1	
Magnetic Disc $\Phi 250\text{mm}$ (Already Adhered To The Grinding Disc)	1	
Non - Stick Disc $\Phi 250\text{mm}$	4	
Self - Adhesive Abrasive Paper $\Phi 250\text{mm}$	6	
Self - Adhesive Polishing Cloth $\Phi 250\text{mm}$	2	
Water Inlet Pipe	1	
Water Outlet Pipe	1	
Water Inlet Filter	1	
Allen Wrenches 3mm; 5mm	each 1	
Instruction Manual	1	
Product Certificate	1	

Optional Delivery

Name	Qty	Photo
Sandpaper	1	
Polishing Cloth	1	
Magnetic Disc	1	
Non - Stick Disc	1	
Diamond Suspension (Single - Crystal, Polycrystalline)	1	
Diamond Spray Polishing Agent	1	

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