



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# TOUCH SCREEN AUTOMATIC GRINDING- POLISHING MACHINE

- *VALUE*
- *VERSATILITY*
- *PERFORMANCE*



**BMP-2TW**

**DESCRIPTION:**

In the process of metallographic sample preparation, the grinding and polishing of the sample is an indispensable process. After the sample is ground and polished, a bright mirror-like surface can be obtained. The **BMP-2TW** automatic metallographic sample grinding and polishing machine adopts high quality touch screen control, one time can process 3 pieces of samples, adjustable stepless speed between 50-1000r/min. The grinding and polishing of the sample can be completed by replacing the metallographic sandpaper and polishing fabric. It is especially suitable for metallographic laboratories in factories, colleges and research institutes, and is an excellent equipment for grinding polishing metallographic samples.

**FEATURES:**

- Touch screen with menu structure, operate very easy.
- Double working plates  $\phi 230\text{mm}$ , greatly improved working efficiency.
- Stepless speed 50-1000rpm + 6 constant speed design, setting speed more easier.
- By Weights loading pressure on sample, one time can automatic process 3 pieces of samples ( $\phi 30\text{mm}$ ).
- Multi-usage, metallographic specimen of coarse grinding, fine grinding, coarse and fine polishing, one machine to complete.
- Support different rotating direction: counterclockwise and clockwise.
- The appearance of this machine is classic and beautiful. The outer casing is made of thickened sheet metal spray-plastic process, and the dirt collecting tray is integrally made of thickened ABS plastic process. The machine is durable and easy to maintain.
- The motor of this machine adopts a full copper coil motor, which has stable rotation, low noise and long life.
- The water faucet is made of all copper, which has good hand feel, long life and does not rust.
- This machine uses a vector frequency converter with sufficient power and a large speed range to adapt to different speed requirements during the sample preparation process.

**TECHNICAL SPECIFICATION:**

<b>Model No.</b>	<b>BMP-2TW</b>
<b>No. of polishing disc</b>	Double disc
<b>Working disc</b>	Standard $\phi 200\text{mm}$
<b>Speed of working disc</b>	50-1000 r/min (and 6 constant speed) Support clockwise / anticlockwise direction rotating
<b>Grinding head speed</b>	60 r/min
<b>Sample holder</b>	Standard $\phi 30\text{mm}$ 3 pieces of samples
<b>Pressure loading type</b>	By dead weights loading pressure, mechanical structure, durable working performance
<b>Power supply</b>	Single Phase, AC220V, 50Hz, 1300W
<b>Machine size (L*W*H) &amp; N/W</b>	72X67X45cm, 60kg
<b>Package size &amp; G/W</b>	82x72x70cm, 85kg



**STANDARD ACCESSORIES:**

Item Name	Q'ty	Item Name	Q'ty
BMP-2TW	1pc	Polishing cloth (230mm)	1pc
Sandpaper (230mm)	1pc	Waterproof ring	2pcs
Press ring	2pcs	Water outlet pipe	1pc
Water inlet	1pc	Power line	1pc
Technical documents: manual, certificate, warranty card			

**\* Due to continuous product development, Image & specification can be upgrade.**