



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# AUTOMATIC METALLOGRAPHIC SPECIMEN GRINDING & POLISHING MACHINE

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



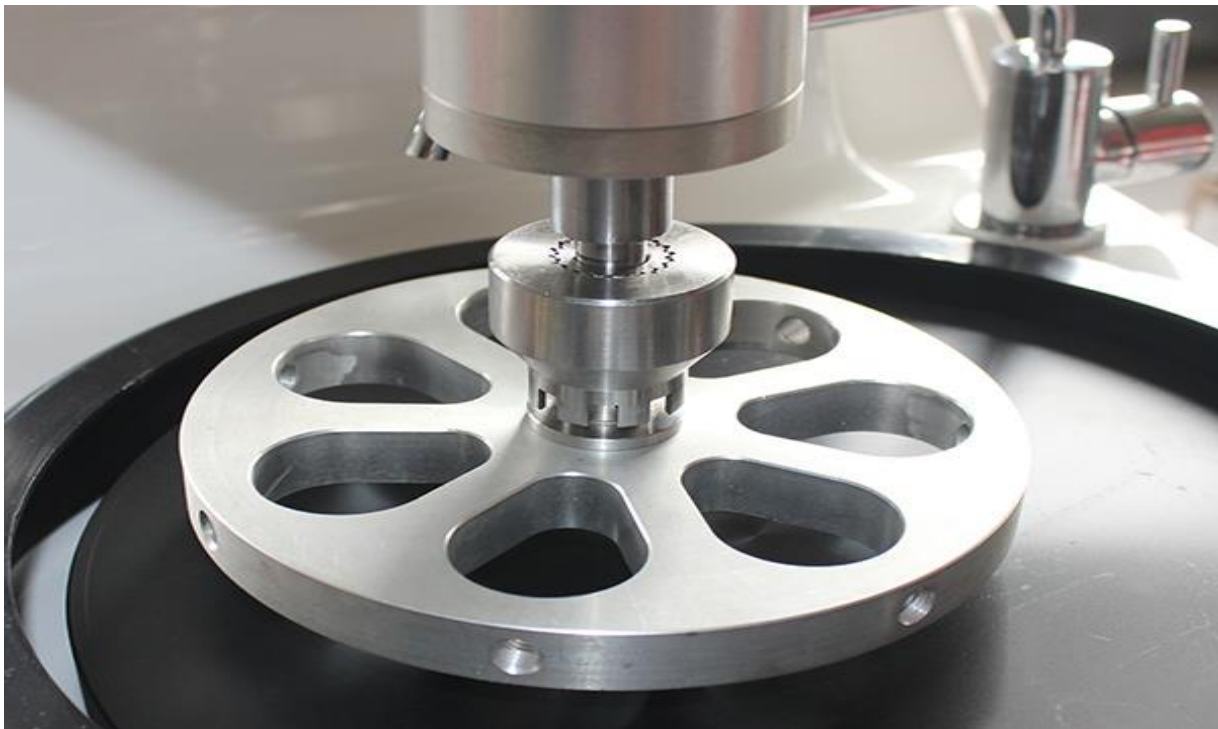
**BETAPOL-1000X**

**DESCRIPTION:**

Model **BETAPOL-1000X** Automatic metallographic specimen grinding and polishing machine is equipped with automatic polishing head and features stepless speed changing and three-level constant speed for grinding and polishing. The working time can be pre-set and the rotating direction can be controlled. It can finish the whole process of rough grinding, fine grinding, rough polishing and finishing polishing for specimen preparing. It is the necessary metallographic specimen preparing instrument for using in factories, scientific research institutes and laboratories of colleges.

**FEATURES:**

- 7" Large touch screen operation.
- Six pieces  $\Phi 30\text{mm}$  samples can be grinded and polished simultaneously.
- Both grinding disc and polishing head adopt stepless speed control, and the rotating direction of grinding disc can be shifted.
- Electric central force holding, fix the sample and then it can complete the whole process of grinding and polishing, and this can ensure the plane parallelism of sample.
- The loading force can be adjusted during running process.
- Working time presetting
- Quick exchanging disc. The working disc can be changed and replaced swiftly.



**TECHNICAL SPECIFICATIONS:**

Model No.	BETAPOL-1000X
Diameter of working disc	250mm (200mm is optional)
Rotating speed of working disc	Stepless speed changing 50-1000 rpm, and three-level constant speeds of 300/600/900 rpm
Rotating speed of polishing hea	Stepless speed changing 5-100 rpm
Sample holder	Φ30mm, 6-hole (or customized)
Sample preparing time	60-999 seconds
Pressure range	5-170N
Power supply	Single phase, 220V, 50Hz
Input power	700W
Dimensions	730 x 450 x 900 mm
Net weight	65 Kg

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