



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

AUTOMATIC METALLOGRAPHIC SPECIMEN GRINDING & POLISHING MACHINE WITH HEAD

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



BETAPOL -1P

**DESCRIPTION:**

Model **BETAPOL-1P** Automatic Metallographic specimen grinding and polishing machine is equipped with independent powered polishing head and features stepless speed changing. 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:

- Single pressure specimen holding
- Illuminated led indication display functioning with digital timer
- Variable time and RPM setting
- Disc movement can be clockwise/counter clockwise
- Sound rating less than 75 dB at maximum RPM.
- Easy start stops smooth function.

TECHNICAL SPECIFICATION:

Model No.	BETAPOL-1P
Diameter of working disc	Ø200mm (Minimum)
No of polishing disc	Single
Rotating speed of working disc	600 rpm (Maximum)
Rotating speed of polishing head	Stepless speed changing upto 100 rpm
Sample holder (Minimum 3 samples)	30mm-50mm
Sample preparing time	60-999 seconds
Operating temperature	10 ^o -40 ^o C
Torque motor	1 HP
Polishing head motor	½ HP
Power supply	Single phase, 220V, 50Hz

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