

Grinding Polishing Machine

TECPOL-1BS

Rotating speed V3 50 to 1400 rpm.



Rotating Speed V3

TECPOL-1BS Metallographic specimen grinding & polishing machine is equipped with single disc and features stepless speed changing grinding and polishing. It can finish the whole process of rough grinding, fine grinding, rough polishing and finishing polishing for specimen preparing. It can realize two constant speeds of V1 & V2, and the adjustable rotating speed V3 from 50 to 1400 rpm. This brings this machine with much more extensive applying and makes it become the necessary metallographic specimen preparing instrument for using in factories, scientific research institutes and laboratories of colleges.

Features:

- Constant speed of V1: 300rpm, V2: 600rpm and V3: stepless speed changing from 50 rpm to 1400 rpm
- Equipped with AC servo motor, which features low noise, large torque in low speed and stability in high speed.
- Equipped with movable water cooling tap, which can be pulled out for cleaning the disc and work piece in all directions, double outlets which can avoid dirt blockage.
- 0.8-inch large LED screen display, touch switch.
- Clockwise or counterclockwise rotating direction is switchable

Technical specifications

- Digital display of rotating speed of grinding and polishing disc
- Diameter of working disc: Ø200mm or 250mm
- Diameter of sand paper or polishing textile: 200mm or 250mm
- Rotating speed of grinding disc & polishing disc: V1: 300rpm, V2: 600rpm and V3: stepless
- speed changing from 50 rpm to 1400 rpm
- Motor power: 750W
- Power supply: Single phase, 220V, 50Hz
- Dimensions: 66 × 47 × 31 cm
- Net weight: 26 Kg

