



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

SINGLE DISC POLISHING MACHINE - DIGITAL RPM DISPLAY - 20CM DIA DISC



Introduction:

- This grinding/lapping machine is designed keeping in mind the needs & requirements of the metallographers. The single disc is itself driven by high-end torque motor. The speed will be varying continuously as indicated on the front fascia. The water faucet arrangement & paper holding band, permits the discs from wet/ dry grinding and final lapping. The upper part is corrosion resistant.

Technical Data:

- 0.5 HP high torque AC Motor.
- **LCD display, 50 to 1400 rpm.**
- 8" disc dia. Standard.
- Size: 71 cm. x 45 cm x 42 cm.
- **Description:** Polishing M/c is used for polishing the Metallography Samples for Microscopic observation to study various metal structures.
- **Polishing:** Polishing is the final stage in producing a surface that is flat, smooth, scratch- free and mirror like in appearance. Such a surface is necessary for subsequent accurate metallographic interpretation, both qualitative & quantitative. In this Machine the drive is given the motor spindle, which is mounted on the motor shaft through friction mechanism. Polishing discs are fitted on the shaft and locked by nut. Shaft has two bearings, which are fitted into bearing holder for smooth working.
- **Standard Accessories:** Supplied with following Emery Paper 60, 220, 320, 400, 600, 800, 1000 Grit & Velvet Cloth (One each)

Technical Specification

- Disc diameter : 10" disc dia. Standard. Imported AC Drive.
- Motor : 0.5 HP high torque AC Motor
- Supply : LED display, 50 to 1000 rpm.

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