



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

METALLOGRAPHIC SPECIMEN MOUNTING PRESS

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



BQ2B-SERIES

**DESCRIPTION:**

Our **BQ2B** Metallographic Specimen Mounting Press is a mechanical type machine. By turning the hand- wheel of the machine, a coupling of bevel gear is rotated to drive the screw rod which in turn pushes/pulls the lower die up and down along the mould sleeve.

The thermoset plastic granules together with specimen being mounted is formed under heated conditions. During this process the pressure is self- adjusted by a spring fixed inside the machine. A signal light is used to indicate the pressure level. The mounting press is equipped with a PID digital temperature controller to establish real-time temperature meanwhile, the timer is equipped to realize the semi-automation of sample –making, while obviously increasing working efficiency.

For each specimen-mounting, 8-10 minutes is enough and a mirror like specimen can be acquired.

TECHNICAL SPECIFICATIONS:

| Model No. | BQ2B-22 | BQ2B-30 | BQ2B-45 | BQ2B-50 |
|------------------------------|---------------------------------------------|------------|------------|------------|
| Specimen Pressing Size | Ø22 x 25mm | Ø30 x 25mm | Ø45 x 25mm | Ø50 x 25mm |
| Heater Capacity | 650W 220V | 650W 220V | 650W 220V | 650W 220V |
| Adjustable Temperature Range | 0 – 190°C | 0 – 190°C | 0 – 190°C | 0 – 190°C |
| Power | 220V 50Hz Voltage fluctuation less than 15% | | | |
| Overall Dimensions | 340mm x 270mm x 400mm | | | |
| Weight | 25 Kg. (approx.) | | | |

* Due to continues product development, image & Specifications are subject to change.