



BANBROS ENGINEERING PVT. LTD.

The Precision Measurement People

AUTOMATIC METALLOGRAPHIC SPECIMEN MOUNTING PRESS (PNEUMATIC TYPE)



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

BECMON-1Q



DESCRIPTION:

BECMON-1Q SERIES is a kind of pneumatic type automatic mounting press, which is suitable for inlaying micro, hard to handle or irregular metallographic and lithofacies specimens, so as to facilitate cutting, grinding and polishing of specimens, and then observe material structure under metallographic microscope, spectral or measure the hardness of the material by hardness tester. In the process of sample preparation, the machine automatically heats up, pressurizes, cools down to the final automatic pressure relief stop through a series of actions, which realizes the effect of unattended sample preparation, and features the advantages of more humanized, simple operation and high efficiency. It is the ideal sample preparing equipment to be used in factories, researching institutes and college laboratories.



WORKING CONDITIONS:

- The altitude is not higher than 1000m.
- T temperature of surrounding medium is not higher than +40 °C and not lower than -10 °C.
- The relative humidity of air is not more than 85% (at 20 °C).
- There is no conductive dust, explosive gas and corrosive gas that seriously damages the metal and insulator around the machine.
- There is no obvious vibration source around machine.
- Air source pressure 0.6-0.8mpa

FEATURES:

- Equipped with oil separator for clean air.
- Equipped with protective cover for safe sample taking.
- Two specimens can be prepared simultaneously.

**TECHNICAL SPECIFICATIONS:**

Model No.	BECMON-1Q
Specimen Pressing Size	Ø30mm or Ø45mm
Heating Ring	800W
Temperature Controlling Range (Intelligent)	Room Temperature~190 °C (adjustable)
Air Source Pressure	0.6-0.8mpa
Power Supply	AC 220V, 50Hz, Single Phase
Overall Dimensions	320mm x 350mm x 400mm
Weight	20Kg

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