



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# AUTOMATIC METALLOGRAPHIC SAMPLE MOUNTING PRESS MACHINE (HYDRAULIC SYSTEM)



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

**BMP-1B**

**DESCRIPTION:**

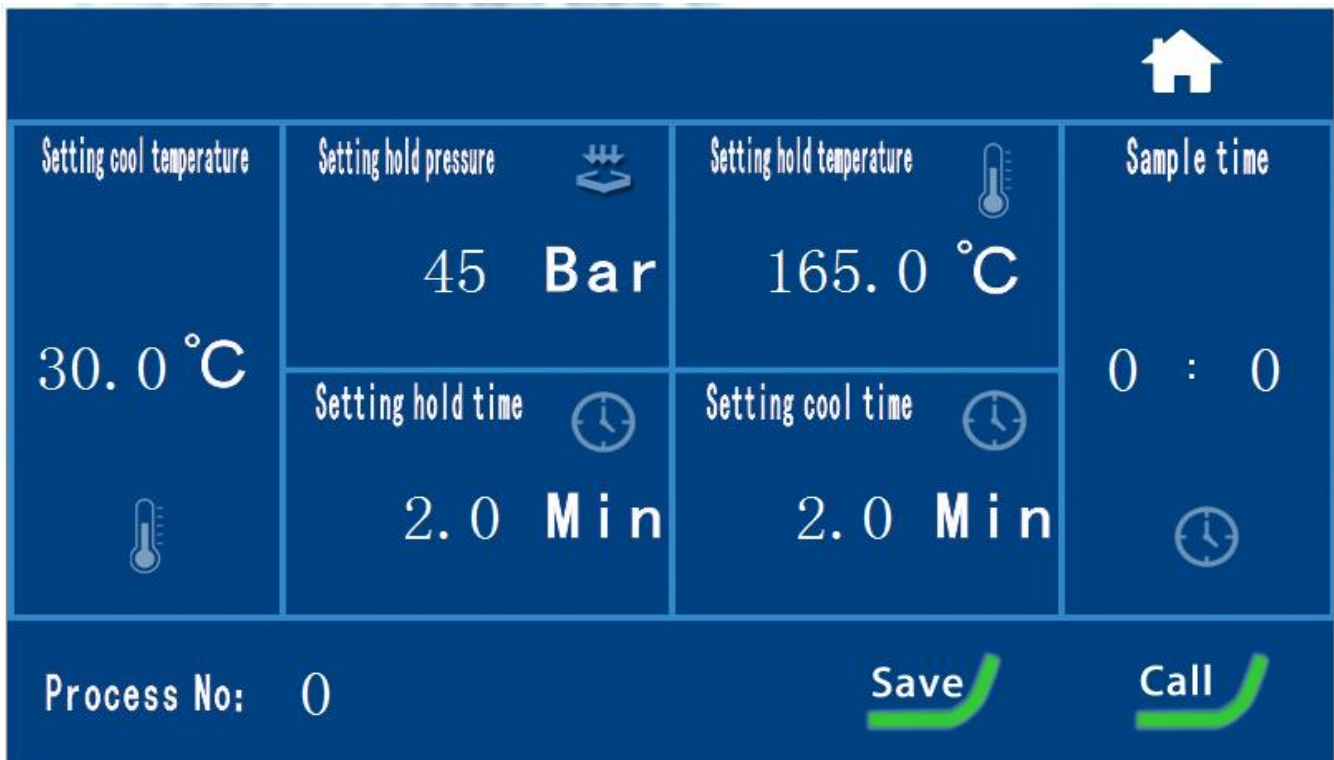
Model **BMP-1B** Automatic Metallographic Specimen Mounting Press is a kind of full automatic mounting press, equipped with in-out water cooling system. It is suitable for the hot mounting (thermo-hardening & thermoplastic) for all kinds of materials. After the parameters such as heating temperature, heat preserving time etc. are set up, put the specimen and mounting material into the machine, close the cover and press the start button, then the machine will finish the job automatically. It is not necessary for the operator to be on duty. It is the ideal specimen preparing instrument for using in factories, scientific research institutes and laboratories of colleges.

**FEATURES:**

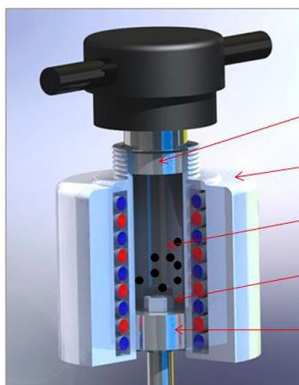
- Hydraulic system control, more high working efficiency.
- Touch screen programmable control.
- Automatic hot mounting press process.
- Equipped emergency stop button, safe operation.
- With water cooling system, fast cooling down.
- Can store 100 groups working programs.

**TECHNICAL SPECIFICATION:**

Model No.	BMP-1B
Mold Diameter	Standard Ø40mm (option:Ø22/ Ø25/ Ø30/ Ø45/ Ø50mm)
Mosaic Programming	Programmable database, can store over 100 groups of Mosaic programs
System Pressure	0-300Bar
Pressure Setting Range	0-60Bar
Heater Power	2KW
Mosaic Temperature Range	0 - 200°C adjustable
Mosaic Time Range	0 - 99min
Cooling Down Time Range	0 - 99min
Pressure Loading	Automatic loading pressure (by hydraulic system)
Cooling	Water cooling (Chiller as optional purchase)
Mounting Program	Can edit and save over 100 segments mounting program
Operation and Display Mode	7 inch touch screen
Working Mode	Automatic and manual can switch
Total Power	2.2KW
Power Supply	AC220V 50HZ
Dimension & Weight	460X600X500mm; 65kg

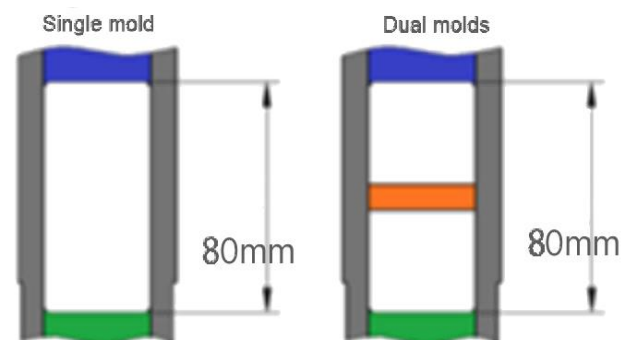


- Different as traditional keypad type machine, BMP-1B everything you need is right on the front touch screen panel, easy to use, New employees can be trained quickly and efficiently (10-30 minutes can get all the operate skills).
- Heat - cooling Program manual save function, next time can load and use directly, avoid mistake and greatly improved working efficiency.
- Automatic water cooling system protecting the quality of your samples.
- See What You Need at a Glance.
- The status interface and countdown timers give quick visual indications of the status of the press, hold time and cooling time, Set temperature, real temperature, Press time, countdown time, Pressure etc. all can displayed directly.



- Fixed upper ram
- Housing with heating and cooling
- Mounting resin (granules)
- Sample
- Movable lower ram

#### Support double spacer



**STANDARD ACCESSORIES:**

Item Name	Q'ty	Item Name	Q'ty
Dia.40mm Mold (Installed on Machine)	1 pc	Drain-Pipe	1 pc
Feed Powder Spoon	1 pc	Brush	1 pc
Funnel	1 pc	Manual Book	1 pc
Water Inlet	1 pc	Certificate	1 pc

**HOT MOUNTING PRESS POWDER:**

Model	Color	Package
HM-B	Black	500g/2kg/4kg/18kg per bottle
HM-R	Red	500g/2kg per bottle
HM-G	Green	500g/2kg per bottle
HM-T	Transparent	500g / bottle
HM-W	White	500g / bottle
HME-B	Black	500g/bottle, Conductive type
HMS-B	Black	500g/bottle, Protected edge type
HM-TS	Transparent	500g/bottle, Soluble type



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