



**BANBROS ENGINEERING PVT. LTD.**

The Precision Measurement People

# AUTOMATIC METALLOGRAPHIC SAMPLE MOUNTING PRESS MACHINE (HYDRAULIC SYSTEM)



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

**BMP-1E**

**DESCRIPTION:**

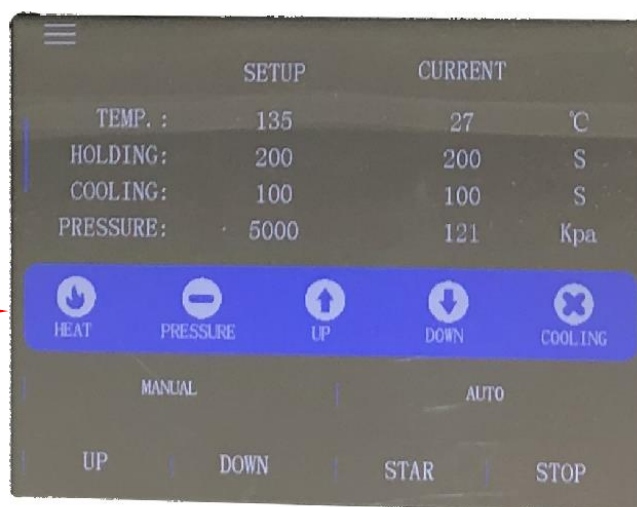
Model **BMP-1E** Automatic Metallographic Specimen Mounting Press is a kind of full automatic mounting press, equipped with in-out water cooling system. It is suitable for the hot mounting (thermo-hardening & thermoplastic) for all kinds of materials. After the parameters such as heating temperature, 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:**

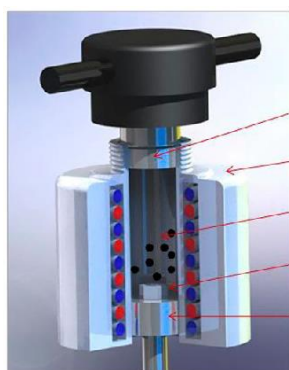
- Hydraulic system control, more high working efficiency.
- Touch screen programmable control.
- Automatic hot mounting press process.
- Equipped emergency stop button, safe operation.
- With water cooling system, fast cooling down.
- Interchangeable mold assembly kits  $\varnothing 25$  /  $\varnothing 30$  /  $\varnothing 40$  /  $\varnothing 50$ mm.

**TECHNICAL SPECIFICATION:**

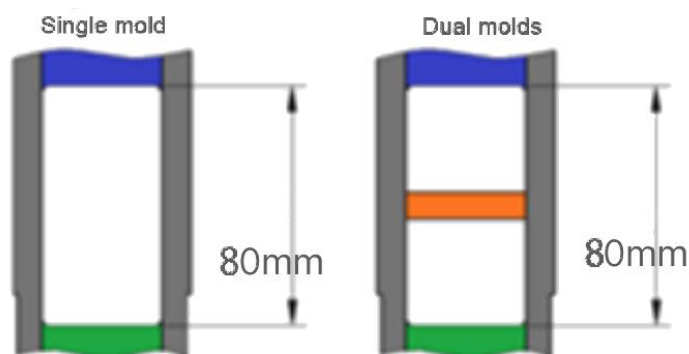
Model No.	BMP-1E
Mold Diameter	$\varnothing 25$ mm, $\varnothing 30$ mm, $\varnothing 40$ mm, $\varnothing 50$ mm
Mold Cavity Height	135mm, effective height 80mm, Support double spacer (2 samples)
Mounting Programming	Programmable database, can store 10 groups of Mounting programs
Pressure Setting Range	0-10MPa adjustable
Heater Power	1.5KW, total system 1.8KW
Mounting Temperature Range	35-200°C adjustable
Pressure Holding Time Range	1- 99min
Pressure Loading	Automatic loading pressure (by hydraulic system)
Automatic Cooling Down Time Range	0 - 60min
Cooling	Water cooling (Chiller as optional purchase)
Mounting Program	Can save 10 groups mounting programs
Operation and Display Mode	8 inch touch screen
Power Supply	AC220V 50HZ
Dimension & N/W	625*583*565mm; 83kg
Packing Size & G/W	915*710*797mm, 104kg



Different as traditional keypad type machine, BMP-1E 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).



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

**STANDARD ACCESSORIES:**

Item Name	Q'ty	Item Name	Q'ty
Interchangeable Mold Ø30 / Ø 40 / Ø50mm	3 pcs	Fuse	1pc
Feed Powder Spoon	1 pc	Pipe Clamps	2 pcs
Hexagonal Wrench (M4)	1 pc	Filters	1 pc
Water Inlet	1 pc	Brush	1 pc
Drain-Pipe	1 pc	Manual Book and Certificate	1 pc

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