

MIDLAND METROLOGY LIMITED

MPress-2HA

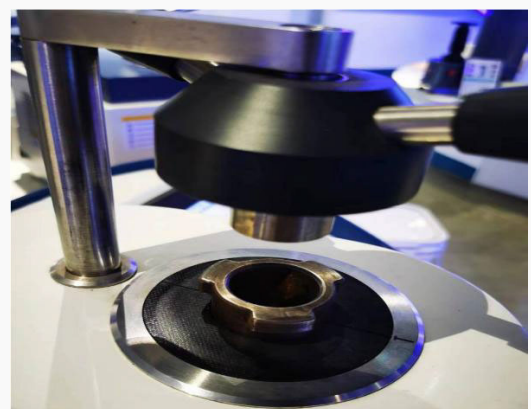
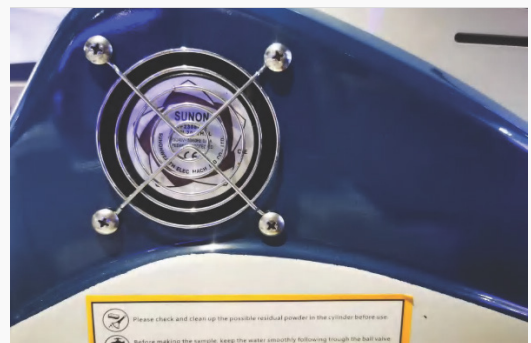
Auto Metallographic Mounting
Press (Hydraulic Pressure)



Product Feature & Application

Product Feature

- MPress 2HA is an advanced hydraulic automatic sample mounting press.
- Controlled by computer which enables heating, loading, holding, cooling and unloading.
- Sample mounting is automatically completed without the operator on duty.
- The machine has a high pressure pump making the sample more compact.
- Lengthened cavity so two samples can be completed at the same time.
- Unique hot and cold separation plus emergency stop button.
- Dual control high definition touch screen.
- Water cooling system so two samples can be mounted within seven minutes



Product Application

Mounting is a very important process of metallographic sample preparation, especially for some difficult to hold tiny samples, irregularly shaped samples, and for protecting edge or automatic grinding and polishing,

User Friendly

Both touch screen and keyboard design for easy operation, Regularly used functions are on the front screen without complicated menus. Stores 10 parameters and recalls with a single touch.

Mikrosize®

MOUNTING PRESS MPress-2HA

WELCOME

WUHU MIKROSIZES PRECISION INSTRUMENT CO.,LTD

MPress-2HA

Heat Time 15 : 15

Hold Time 15 : 15

Cool Time 15 : 15

Total Time 15 : 15

 PRESSURE 100 bar

 TEMPERATURE 100 °C

 SET



UNLOCK



START



UP



DOWN

OPERATION MODE

 Temperature Mode

 Time Mode



Start Heating



Stop Heating



Start Cooling



Stop Cooling

TIME MODE

Pressure: bar

Hold Time: :

Heat Time: :

Process No.:

Cool Time: :

 Call

 Save

 Ok

 Return

TEMPERATURE MODE

Pressure: bar

Temperature: °C

Min.Heat Time: :

Cool Temperature: °C

Min.Cool Time: :

Process No.:

Hold Time: :

 Call

 Save

 Ok

 Return

Ordering Information



MPress-2HA Auto Metallographic Mounting Press

- 25mm Mounting Diameter
- 30mm Mounting Diameter
- 40mm Mounting Diameter

Technical Specification

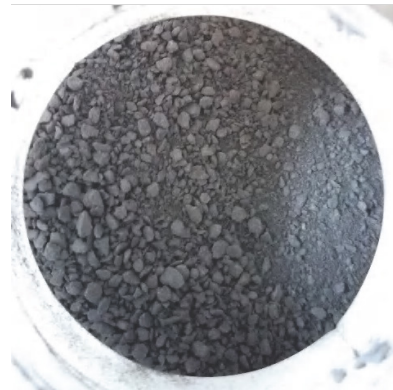
Model	MPress-2HA
Product Name	Automatic Metallographic Mounting Press
Mould Diameter	ϕ25mm, ϕ30mm, ϕ40mm (Choose one)
Cavity Height	140mm, effective 85mm, mounting two samples at the same time
Heating Power	25mm: 1KW 30mm 1.8KW 40mm 2.4KW
Pressure Heating	50~200bar (150bar ex-factory set, equivalent to 15Mpa, 150kgf/cm ²)
Temperature Heating	50~180 °C (120 °C ex-factory set)
Time Dwell	1~7min (4min30s ex-factory set)
Time	30s~7min (1min ex-factory set)
Cooling Time Total	1~30min (2min ex-factory set)
Time Cooling Method	7min 30s for two samples ϕ30mm, 9min for two samples ϕ40mm
Power Supply	External water source cooling
Machine Dimensions	220V, 50Hz, 10A 530×510×480mm
Net Weight	60Kg

Standard Delivery

Name	Specification	Qty
Machine Mainframe	/	1 set
Middle Mould Block	/	1 pc
Water Inlet Pipe	/	1 pc
Water Outlet Pipe	ϕ10mm	1 pc
Water Inlet Filter	/	1 pc
Hoop	/	1 pc
Bakelite Powder	500g	1 bottle
Measuring Cup	/	1 pc
Inner Hexagon Spanner	5mm	1 pc
Brush	/	1 pc
Usage Instruction Manual	/	1 copy



Bakelite Powder



Bakelite Powder

Optional Accessories

Name	Specification
Thermosetting Mounting Material	Black, White, Green, Red
Conductive Mounting Material	Black
Circulating Cooling System	Customized.
Sample Holder	Customized.



Thermosetting Mounting Material

Conductive Mounting Material

Sample Holder