

MIDLAND METROLOGY LIMITED

# MPress-1MA

Auto Metallographic Mounting  
Press (Motorized Mechanical  
Pressure)



# Product Feature & Application

## Product Feature

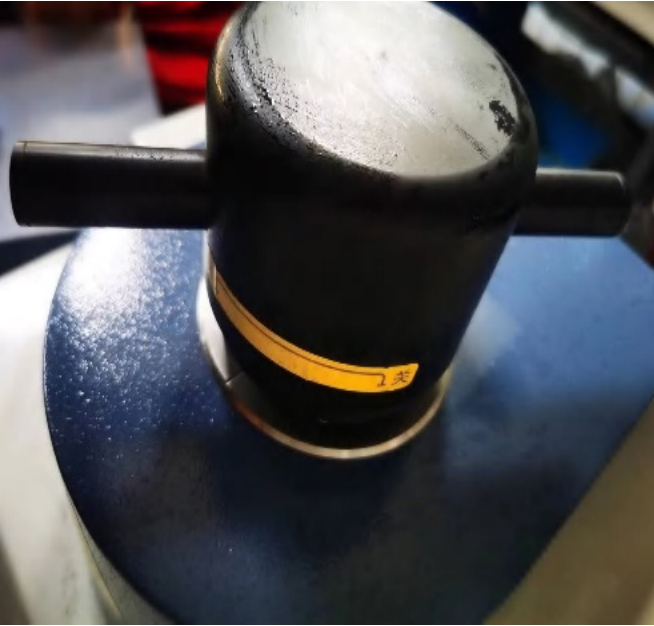
- Automatic motorised, mechanical pressure mounting metallographic mounting press.
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- Program controlled mounting process.
- With one key operation for heating, loading, holding, cooling and unloading.
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- Gear motor with stable pressure.
- Audible and visual alarm function.
- Water cooling system.
- Stable and reliable performance.



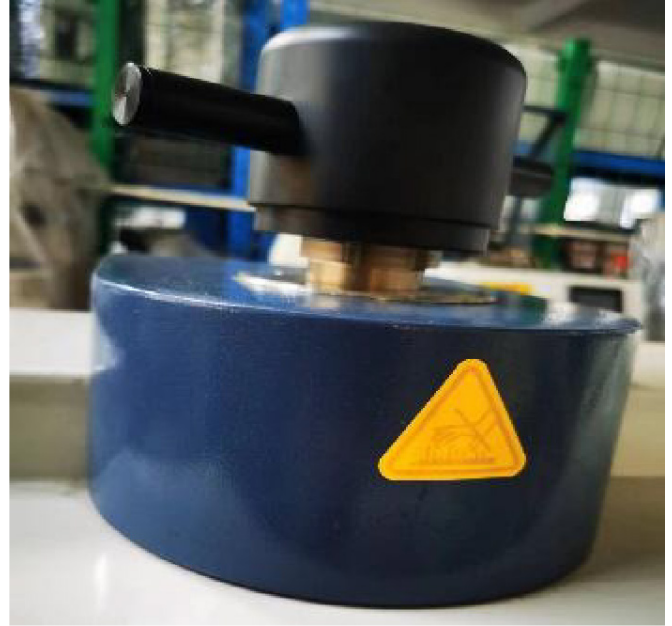
## Product Application

Mounting is a very important process of metallographic sample preparation, especially for some difficult to hold samples, irregularly shaped samples, and for protecting edge or automatic grinding and polishing. MPress-1MA is the ideal machine for sample mounting.

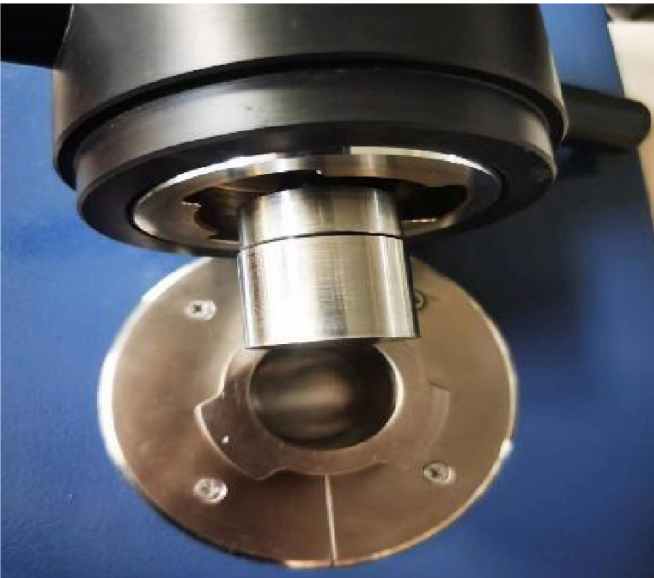
# User Friendly



Rotary Locking



Rotary Locking



Mounting Opening



Audible and Visual Alarm Function



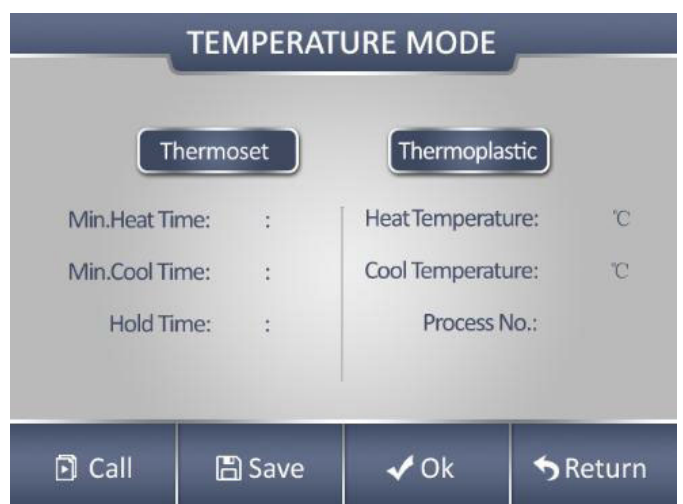
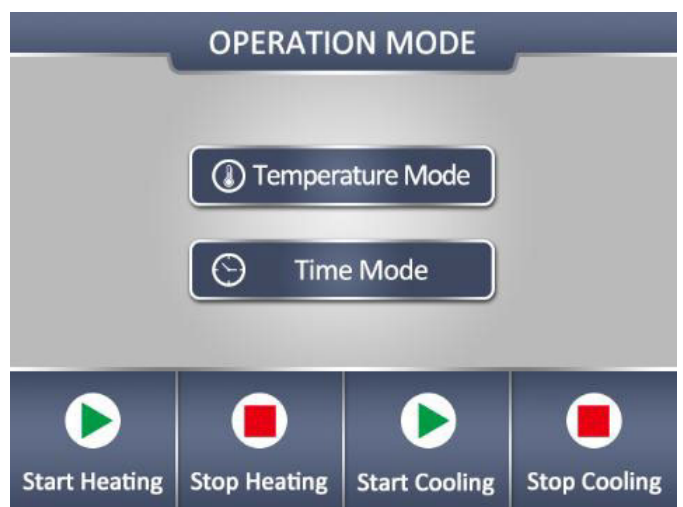
Power On/Off



Water Cooling System

# User Friendly

Touch screen program controlled mounting process with one-key operation for heating, loading, holding, cooling and unloading process.



# Technical Specification

Model	<b>MPress-1MA</b>
Product Name	Auto Metallographic Mounting Press
Pressure Method	Motorized Mechanical
Mould Diameter	°25mm, °30mm, °40mm (Choose one)
Cavity Height Heating	89mm
Power Pressure	°25mm/°30mm:900W; °40mm:1.2kW
Electromotor Power	130bar
Heating Temperature	120W
Heating Time Hold	50~180℃ (The default is 120℃)
Time Cooling Time	1~7min (The default is 5min30s)
Cooling Method	30s~7min (The default is 1min)
Power Supply	1~30min (The default is 2min20s)
Machine Dimensions	External water source cooling
	220V, 50Hz, 10A
	463×402×430mm
Net Weight	50kg

# Standard Delivery

Name	Specification	Quantity
Machine Mainframe	/	1 set
Water Inlet Pipe	/	1 pc
Water Outlet Pipe	°10mm	1 pc
Water Inlet Filter Screen	/	1 pc
Hoop	/	1 pc
Bakelite Powder	500g	1 bottle
Measuring Cup	/	1 pc
Funnel	/	1 pc
Usage Instruction Manual	/	1 copy



**Bakelite Powder**



**Bakelite Powder in Different Colours**

# Optional Accessories

Name	Specification
Termoset Mounting Material	Black, White, Green, Red
Termoplastic Mounting Material	Transparent
Conductive Mounting Material	Black
Circulating Cooling System	Customized
Mounting Clamp	Customized



**Mounting Clamp**



**Conductive Mounting Material**



**Thermoplastic Mounting Material**



**Transparent Sample**