

MPress-1MA

Auto Metallographic Mounting Press
(Motorized Mechanical Pressure)



Contact us

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Product Feature&Application

Product Feature

- Automatic motorized mechanical pressure metallographic sample mounting press adopts.
- Program controlled mounting process realizes the one-key operation of heating, loading, holding, cooling and unloading process.
- Gear motor with stable pressure.
- Audible and visual alarm function.
- Water cooling system.
- With stable and reliable performance.



Mounting is a very important process of metallographic sample preparation, especially for some difficult holding tiny samples, irregularly shaped samples, and what needs for protecting edge or automatic grinding and polishing, mounting is an essential procedure before sample preparation, MPress-1MA is the ideal equipment for sample mounting.

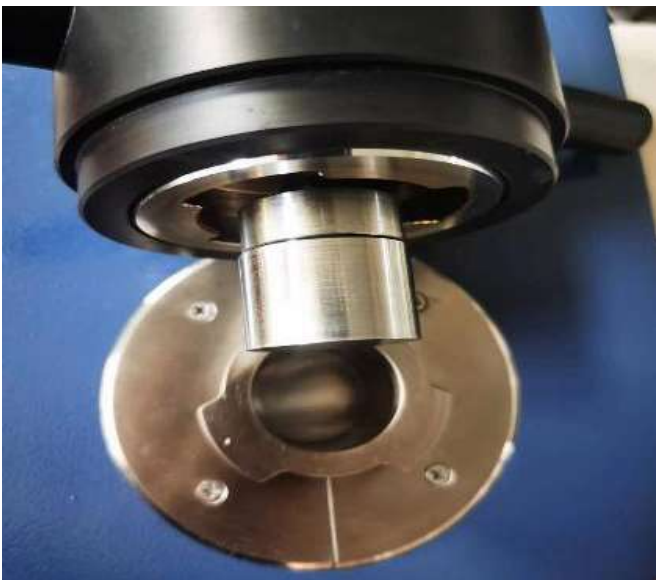
User Friendly



Rotary Locking



Rotary Locking



Mounting Opening



Audible and Visual Alarm Function



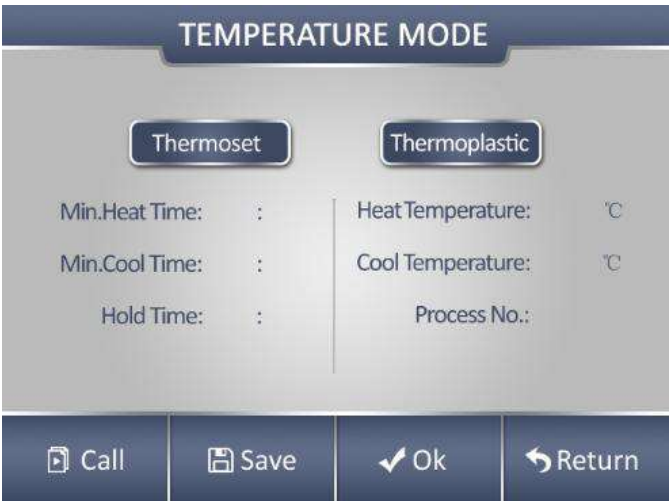
Power On/Off



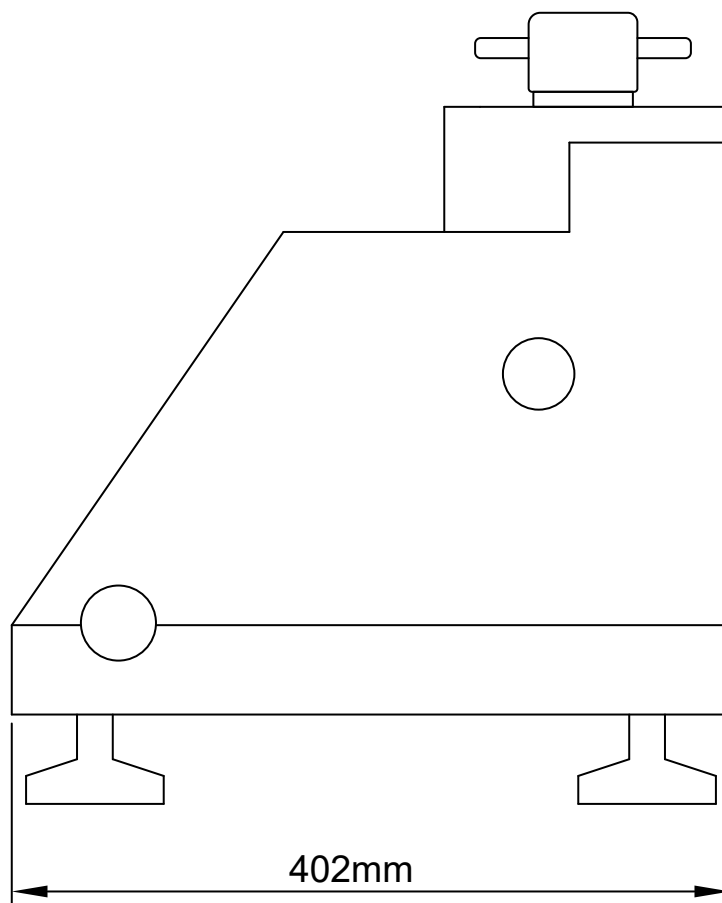
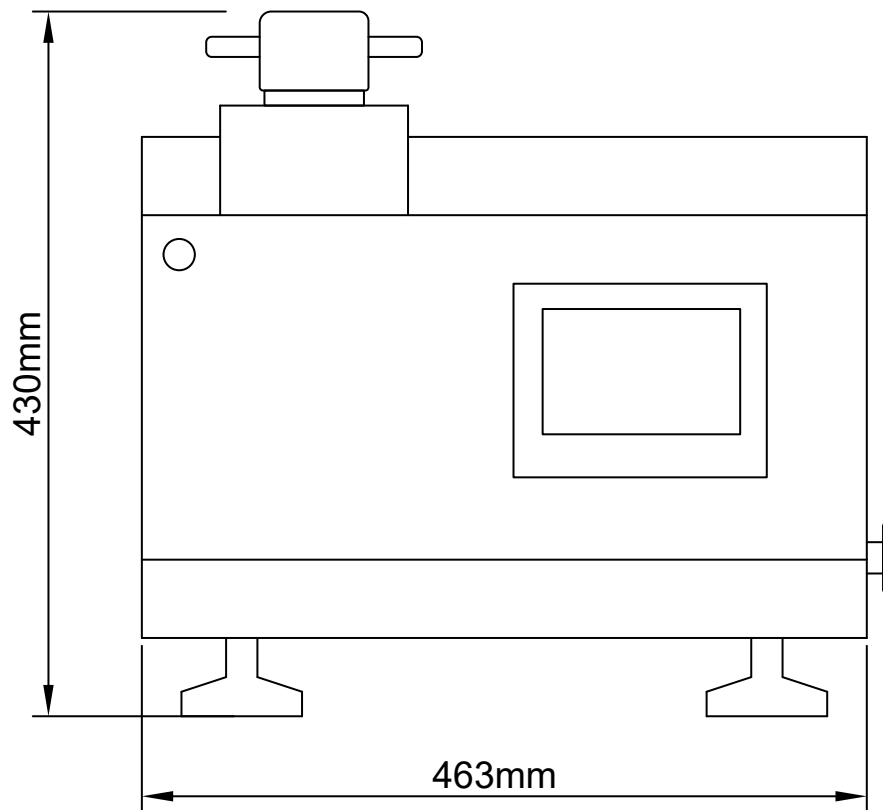
Water Cooling System

User Friendly

Touch screen program controlled mounting process realizes the one-key operation of heat-ing, loading, holding, cooling and unloading process.



Instrument Dimension



Technical Specification

Model	MPress-1MA
Product Name	Auto Metallographic Mounting Press
Pressure Method	Motorized Mechanical
Mould Diameter	Φ25mm, Φ30mm, Φ40mm (Choose one)
Cavity Height Heating	89mm
Power Pressure	Φ25mm/Φ30mm:900W; Φ40mm:1.2kW
Electromotor Power	130bar
Heating Temperature	120W
Heating Time	50~180℃ (The default is 120℃)
Hold Time	1~7min (The default is 5min30s)
Cooling Time Cooling	30s~7min (The default is 1min)
Method Power	1~30min (The default is 2min20s)
Supply Machine	External water source cooling
Dimensions Net	220V, 50Hz, 10A
Weight	463×402×430mm
	50kg

Standard Delivery

Name	Specification	Qty
Machine Mainframe	/	1 set
Water Inlet Pipe	/	1 pc
Water Outlet Pipe	Φ10mm	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 Color

Optional Accessories

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



Mounting Clamp

Conductive Mounting Material



Thermoplastic Mounting Material

Transparent Sample