

MT-1H

Auto Mounting Press

MOUNTING

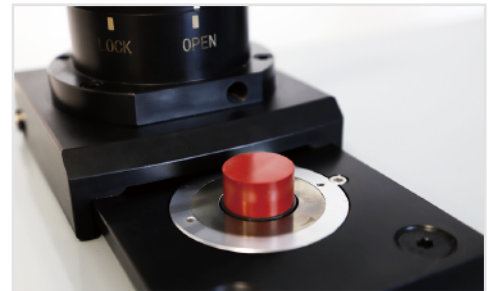


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TROJAN (SUZHOU) MATERIAL TECHNOLOGY CO.,LTD

MT-1H Auto Mounting Press

MT-1H Automatic Hot Mounting Machine is equipped with a 7-inch touch screen for intuitive operation. It features a hydraulic pressing system, making it suitable for hot mounting of various materials, such as epoxy resin, bakelite powder, and acrylic powder. Designed for versatility and efficiency, the system ensures consistent, high-quality specimen preparation.



Features:

- ♦ Sliding cover for easier and safer operation;
- ♦ Low operating noise and compact size;
- ♦ 7-inch touchscreen with a simple and user-friendly interface;
- ♦ Allows real-time display of temperature and pressure variations;
- ♦ LED light strip indicates the operating status;
- ♦ Multiple sets of operation parameters can be stored;
- ♦ Optional circulating water tank is available to support multiple cooling methods.

Technical Data:

Model	MT-1H
Power supply	220V, 1P, 2.5 Kw, 15A
Heating power	2KW
Heating control	Power can be set (10-100%)
Sample size	Φ30mm(Standard), Φ25.4, Φ32, Φ40, Φ50mm(Optional)
Heating range	100-200°C
Holding time	0 ~ 99min
Pressure range	0-500Bar (Depends on cylinder size)
Heating part	Surrounded
Cooling method	Automatic mode: by time/temperature; manual mode
Cooling rate	High, medium and low cooling rate
Control panel	7-inch touch screen
Water inlet	OD=Φ8mm connector , pressure<0.3MPa
Water outlet	OD=Φ12mm connector
Ambient temperature	-20°C - 60°C
Ambient humidity	0-95%RH
Dimension (WxDxH)	400*509*537mm
Weight	48kg

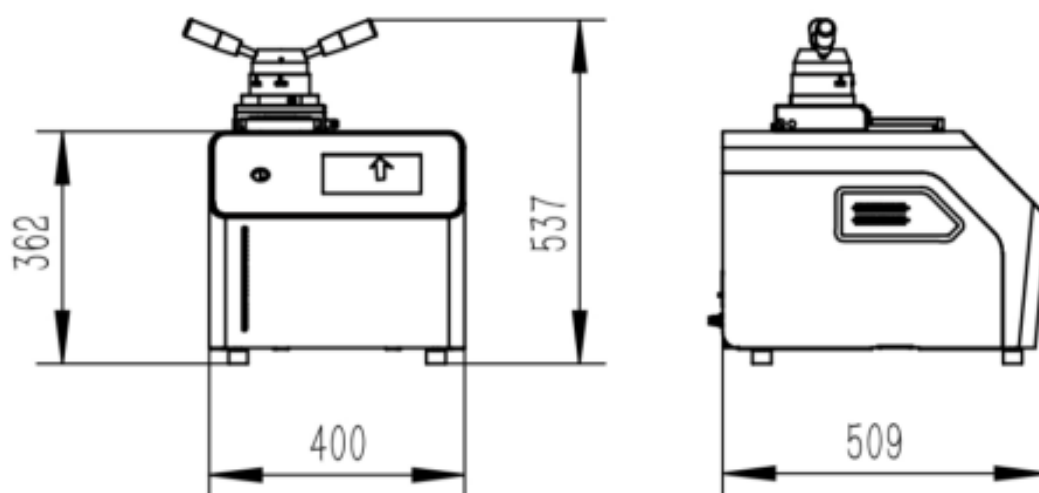
Control Panel Introduction:



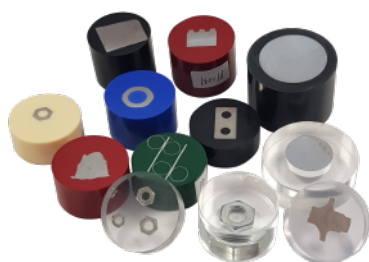
- | | |
|-----------------------|-------------------------------------|
| ① Current program | ② Set parameters |
| ③ Display temperature | ④ Display timing |
| ⑤ Display pressure | ⑥ Parameter settings for consumable |
| ⑦ Cooling water | ⑧ Program library |
| ⑨ Parameter settings | ⑩ Decline |
| ⑪ Rise | ⑫ Start |
| ⑬ Stop | |

Dimension Figure

Unit: mm



Related Consumables & Accessories:



Hot Mounting Consumables



Mineral & Glass Fiber Filled Epoxy Resin



Sample Support Clip

Standard Accessories:

1	Water inlet pipe		Φ8mmPU pipe	1pc
2	Water outlet pipe		Inner diameter 12mm, outer diameter 21mm, drain hose and hose clamp	1set
3	Spoon			1pc
4	Funnel			1pc
5	Cleaning brush			1pc
6	Shovel			1pc
7	Allen key		M5 Allen key	1pc
8	Power cable		220V, 16A, 1.5Mhigh-power power cable	1pc

Optional Accessories:

1	Circulating tank		Filtank 60	
2	Sleeve and the rams		Φ25.4、Φ30、Φ32、Φ40、Φ50	
3	Mold release			

Purchase list:

Hot Mounting Consumables:

02.01.310/320	PT-2231 Phenolic Resin Black (Daily Use)	1kg/4kg
02.01.311/321	PT-2231 Phenolic Resin Green (Daily Use)	1kg/4kg
02.01.312/322	PT-2231 Phenolic Resin Red (Daily Use)	1kg/4kg
02.01.210/220	BB-2232 Phenolic Edge Protection Resin	1kg/4kg
02.01.140/144	TM-2261 Transparent Hot Mounting Resin	1kg/4kg
02.01.710/720	EP-2237 Mineral & Glass Fiber Filled Epoxy Resin	1kg/4kg
02.01.910/940	DC-2239 Graphite Conductivity Hot Insert Resin	1kg/4kg
02.01.960/965	MA-2275 Mineral filled Melamine Resin	1kg/4kg

Accessories for hot mounting:

02.09.002	Release agent	20g
07.01.016	Stainless Steel Clip	100pcs

