



TOP TECH

PRESIDON-ML Series



*Perfect Surface.
Always*

ML-C

ML-C is an automatic mounting press with the intuitive control panel which allows operators to control heats and cools for mounting flexibilities and complete the mounting at the shortest time. The memory modules can store up to 40 sets of parameters which can be easily repeated. The cover design supports an easy and convenience maintenance.

Patent

Introduction & Feature



ML-C

Intuitive user interface

ML-C is an automatic mounting press with the intuitive control panel which allows operators to control heats and cools for mounting flexibilities.

Memory modes

The memory modes can store up to 40 sets of parameters which can be easily repeated.

Special motor

Effective silent motor makes the noise below 62 decibels, and it is suitable for laboratory, high quiet requirements.

Easy for the maintenance

The cover design supports to maintain the machine easier and more convenience.



Memory modes

Heating temperature

Heating time

Cooling time



The screw thread fixture

Enhanced strength provides a robust construction.



Working Table(option)



Model

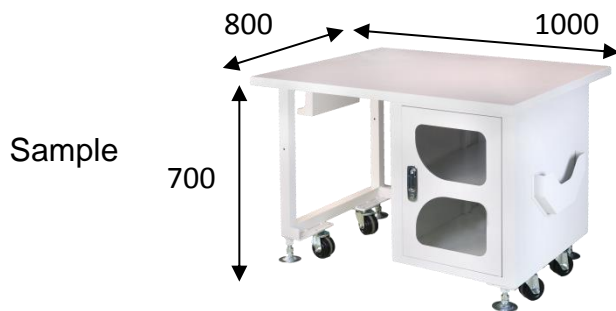
TF01

TF02

size(L*W*H)

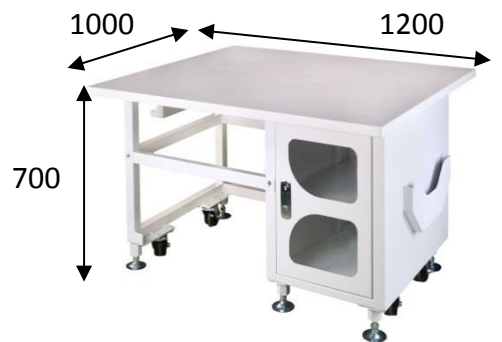
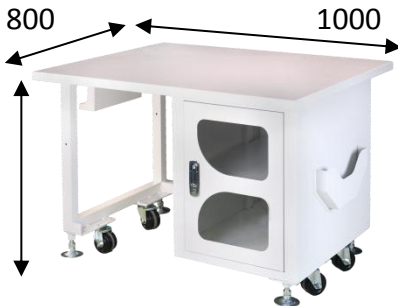
1000*800*700 mm

1200*1000*700 mm



Sample

700



(mm)



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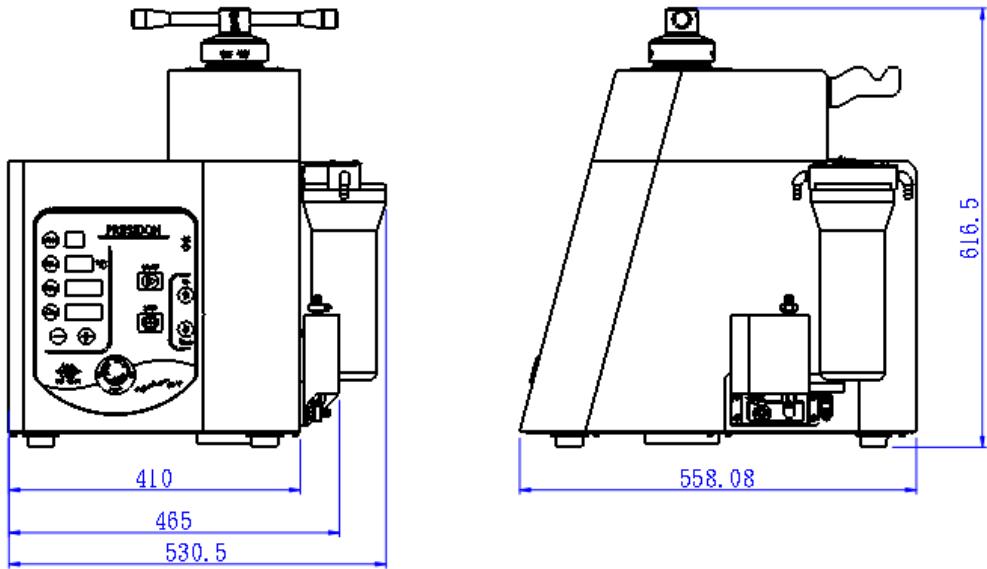
Specification

Model No.	ML-C						
Standard sample dia.(mm)	Ø25	Ø25.4	Ø32	Ø31.75	Ø38.1	Ø40mm	Ø50mm
Sample qty.	1~2PC/ per time (spacer optional)						
Spacer (optional)	Ø25 (ML25AE0211) Ø32 (M32C0011-3)	Ø25.4 (ML25AE0211-1) Ø38.1 (ML38AE0206-2)	Ø30 (M30CA0002-4) Ø40 (M40C0006-5)	Ø31.75 (M32C0011-3) Ø50 (ML50DG0210-4)			
Temperature (° C)	0~250						
Heating power (W)	1200				1600		
Motor power (W)	1760				2160		
Pressure adding (kg/cm ²)	50 (852 psi)						
Sample afforded pressure (Kg/cm ²)	Ø25 (445) Ø25.4 (431) Ø30 (309) Ø31.75(275) Ø32 (272) Ø38.1 (191) Ø40 (174) Ø50 (111) Please inform us in advance if special demands are required.						
Sample afforded pressure (psi)	Ø25 (6334) Ø25.4 (6134) Ø30 (4398) Ø31.75(3914) Ø32 (3871) Ø38.1 (2719) Ø40 (2477) Ø50 (1580)						
Heating time (S)	Max 3600 (60 mins)						
Cooling time (S)	Max 1800 (30 mins)						
Memory mode (set)	40 (Heating temperature, heating time and cooling time)						
Machine size WxDxH (mm)	540 x 560 x 620						
Weight(Kg)	70				71		
Water inlet and outlet pipes	10mm pipe (internal diameter- Ø10mm/ external diameter - Ø15mm)						
Power supply	AC220V-1Ø						
Standard sccessories	Tweezer 1pc 、 Funnel 1pc 、 Filter : 1set 、 Spoon : 1pc 、 Mounting resin : 1kg(2.2lb) 、 Pipe clip : 6pcs 、 Copper fitting : 2pcs 、 Screws : 6pcs						

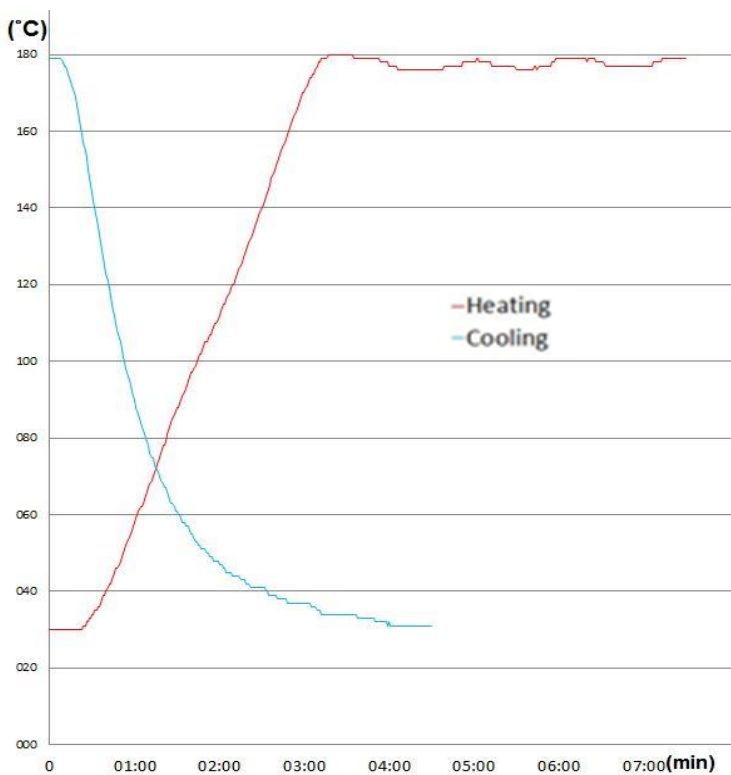
Machine parameter

Dimension

(unit : mm)



Heating/cooling graph line



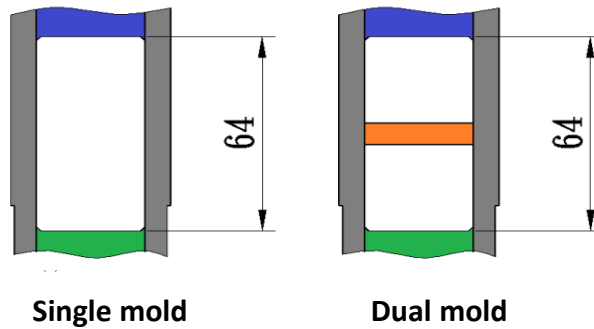
Note:

1. Sample- \varnothing 32mmx20mm (t).
2. Testing results will be different according to weather condition, materials, sample sizes, and cylinder sizes.
(The parameter for reference only)



Machine parameter

Mold size



NO.	Mounting size (mm)	Mounting height (mm)	Mounting powder weight (g)	Mold qty.	Mold volume (mm ³)
Single mold	Ø25 Ø25.4	21	18	1	10303
	Ø30 Ø31.75 Ø32	21	30	1	16880
	Ø38.1 Ø40	21	47	1	26376
	Ø50	21	75	1	41213
Dual mold	Ø25 Ø25.4	14	12x2	2	6869
	Ø30 Ø31.75 Ø32	14	22x2	2	11253
	Ø38.1 Ø40	14	31x2	2	17584
	Ø50	14	49x2	2	27427



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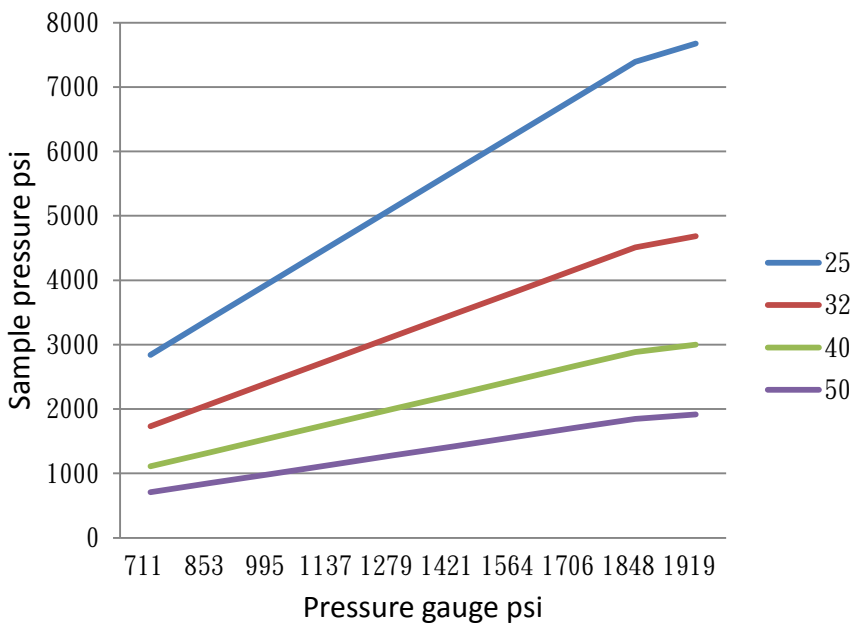
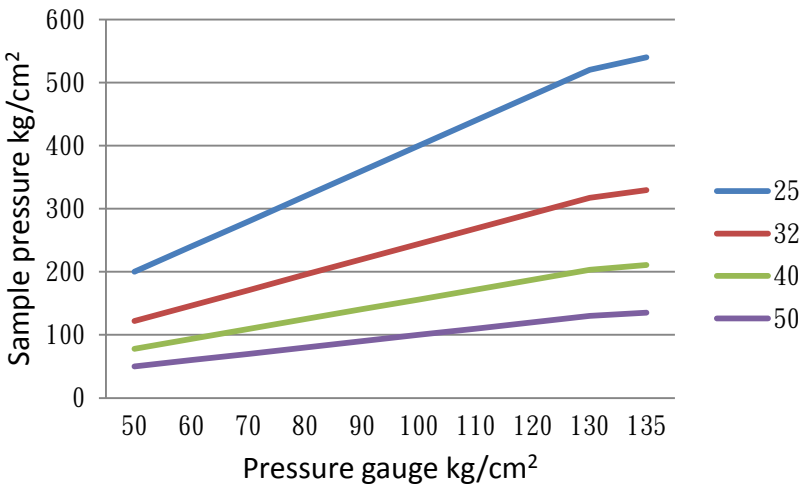


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Machine parameter

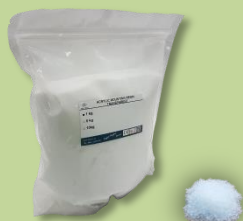
Mounting pressure comparison table

	Metric system (Kg/cm ²)	British system (psi)
Pressure adding	60	852
Max. pressure	135	1919



Pressure gauge Kg/cm² (psi)

Consumables



Model	Acrylic powder. Thermoplastic. High Transparent. Easy to observe. (30g per time)
S030202-1	1 kg
S030202-5	5 kg
S030202-10	10kg



Model Bakelite Powder (Phenolic Formaldehyde Resin).
Thermosetting.
High Hardness. (30g per time)

S03001-1	Black	1 kg
S03001	Black	25 kg
S03002-1	Brown	1 kg
S03002	Brown	25 kg
S03003-1	Green	1 kg
S03003	Green	25 kg
S03004-1	Red	1 kg
S03004	Red	25 kg



Model Conductive Bakelite Powder. Thermosetting. Phenolic Formaldehyde Resin. (30g per time)

S030106	Carbon-based conductive bakelite powder	0.45kg
S0301061	Copper-based conductive bakelite powder	0.45kg

Top Tech distributors



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Agent

We reserve the right to change design without notice.