

Full Automatic Mounting Press

L/L-E3



Instruction



Operation video



Molds

Ø25

Ø32

Ø40

Ø50

option

Cylinder kit
(Appendix 2)



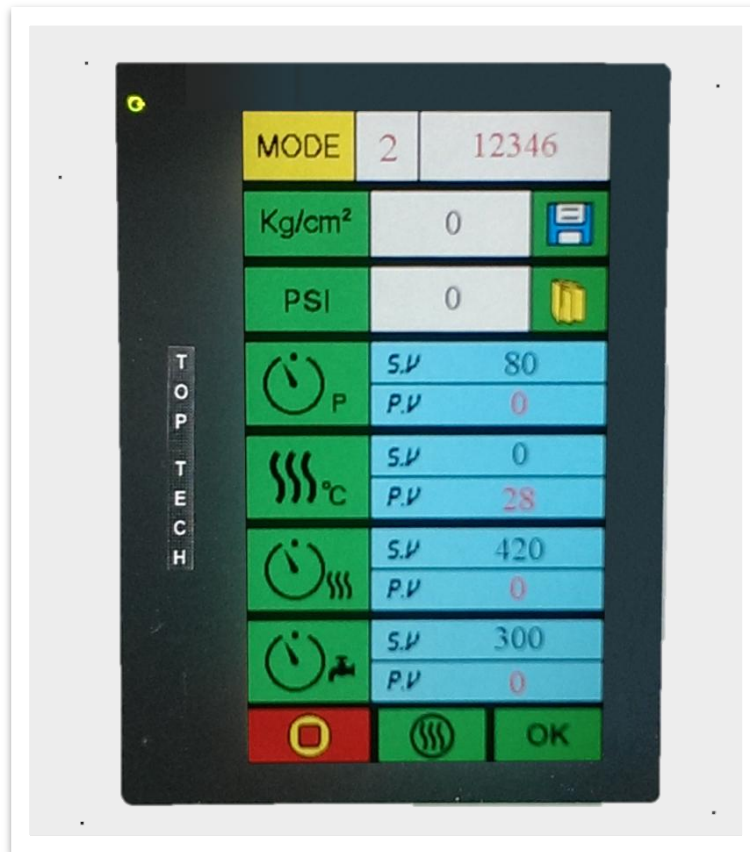
option



Coolant pump

Order no.	Spec.
QWP06001	1Ø-110V-50/60HZ
QWP06002	1Ø-220V-50/60HZ
QWP06002-1	1Ø-200V-50/60HZ

Features



1. User-friendly interface can set pressure, heating temperature, heating time and cooling time.
2. 10 memory modes which can set names and parameters.
3. One button start after setting parameter
4. Mode pipe pressure display during operation.(kg/cm² and PSI)

Worthy Options - Working Table

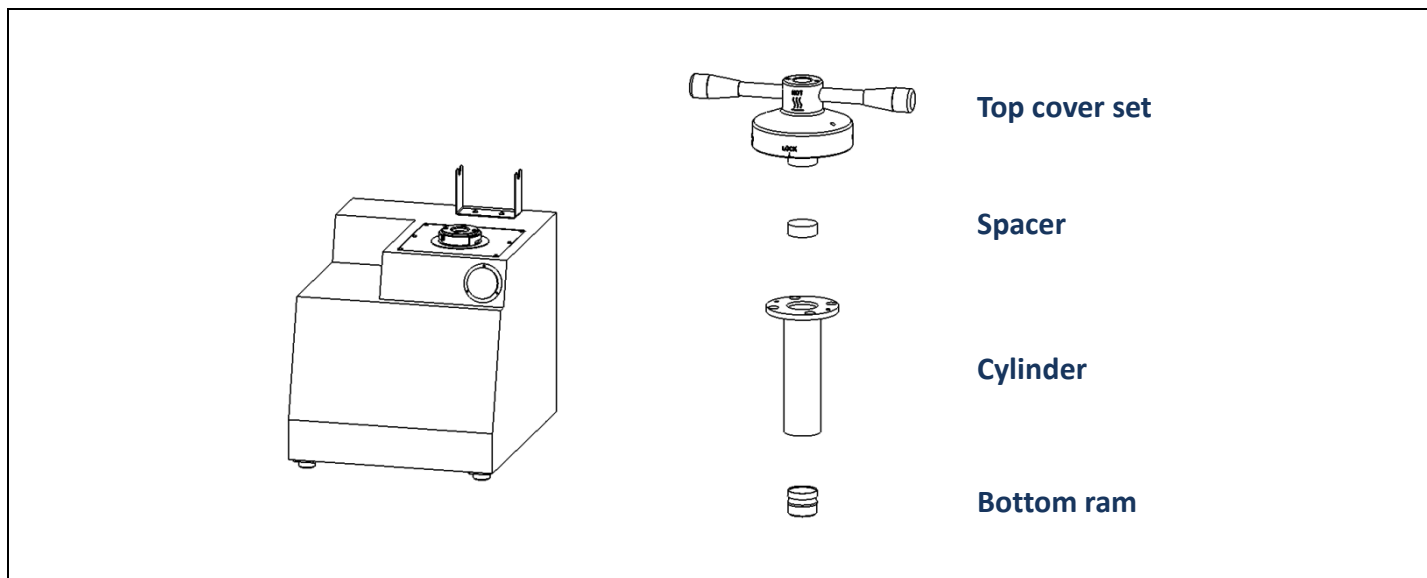


Working Table

Multifunctional working table, it supplies you a place to put your machine and store your accessories. It can be moved easily.

Model No.	TF01	TF02
Size	1000*800*700 mm	1200*1000*700 mm
Sample		

Appendix 1 、Cylinder kit option



Ø40					
Cylinder kit (Single mold)	Size	Ø25	Ø30	Ø32	Ø40
	Order no.	ML40AD0215A	ML40AE0214A	ML40AE0213A	-
Cylinder kit (Three molds)	Size	Ø25	Ø30	Ø32	Ø40
	Order no.	ML40AE0215A	ML40AE0214A	ML40AE0213A	-
Ø50					
Cylinder kit (Single mold)	Size	Ø25	Ø30	Ø32	Ø40
	Order no.	ML50AE0216A	ML50AE0215A	ML50AE0214A	ML50AE0213A
Cylinder kit (Three molds)	Size	Ø25	Ø30	Ø32	Ø40
	Order no.	ML40AD0215A	ML40AE0214A	ML40AE0213A	ML40AD0215A

Note 1: Cylinder kit including follow parts.

Single mold: Top cover set 、Spacer x 1 、cylinder 、Bottom ram

Three molds: Top cover set 、Spacer x 2 、cylinder 、Bottom ram

Note 2: Special specification can be ordered.

Note 3: Cylinder size below Ø32mm not able to option inside mold.



Appendix 2 、 Option accessories

Spacer

	Specification	Order on.	
		Copper spacer	Iron spacer
Metric (mm)	Ø25	ML25AE0210-1	ML25AE0210-2
	Ø32	M32C0006-1	M32C0006-3
	Ø38	-	-
	Ø40	M40C0006-1	M40C0006-2
	Ø50	ML50DG0210-1	ML50DG0210-2
Inch (in)	1"	-	M25AE0211
	1 $\frac{1}{4}$ "	M32C0011	M32C0011-1
	1 $\frac{1}{2}$ "	ML38AE0206	ML38AE0206-1
	2"	-	-
Remark	Special sizes can be customized		

Water pump

Order on.	Specification	Remark
QWP06001	1Ø-110V-50/60HZ	
QWP06002	1Ø-220V-50/60HZ	
QWP06002-1	1Ø-200V-50/60HZ	



Specification

Model No.	L				L-E3			
Sample dia.	Ø25mm	Ø32mm	Ø40mm	Ø50mm	Ø25mm	Ø32mm	Ø40mm	Ø50mm
Driven method	High efficiency motor driven & Hydraulic control							
Sample qty.	1pc/per time- Note1				1~3 pc/per time			
Temperature	0~250°C-Note 3							
Noise level (idle running)	59~63dB		59~66dB		61~64dB		62~68dB	
Heating power	1200W		1600W		2400W		3200W	
Motor power	1600W		2000W		2800W		3600W	
Hydraulic system	Ø50x140mm				Ø50x210mm			
Pressure adding	0~200kg/cm ² (1 kg/cm2/unit)-note 4							
Heating time	Max.60 minutes							
Cooling time	Max.30 minutes							
Memory modes	10 sets (Can set heating temperature 、 heating time and cooling time)							
Machine size (WxDxH)	39x55x55cm				39x55x69cm			
Weight	64Kg		65Kg		67Kg		70Kg	
Water inlet and outlet pipes	10mm pipes (inner dia.Ø10mm – Outer dia.Ø15mm)							
Cooling system	Electronic water valve connect outside cooling recycle system							
Power supply	AC220V-1 Ø (Special voltage can be ordered)							
Standard accessories	Tweezer : 1pc		Funnel : 1pc		Filter : 1set			
	Spoon : 1pc		Mounting resin : 1kg(2.2lb)		Water pump : 1set			
	Pipe clip : 4pcs		Copper fitting : 1pc		Spacer(E3) : 2pcs			
Option	Cylinder kit							

Note 1: Two molds can be produced at same times if option spacer.

Note 2: Special temperature requirement can be customized.

Note 3: The pressure in the table represents the power of the hydraulic system.

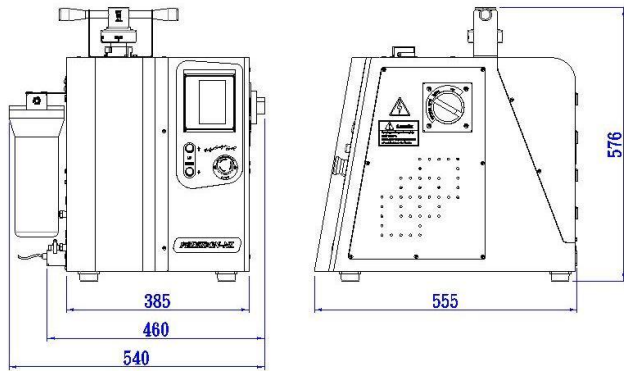
Note 4: Special shape and size requirements can be customized

We reserve the right of changing design without notice

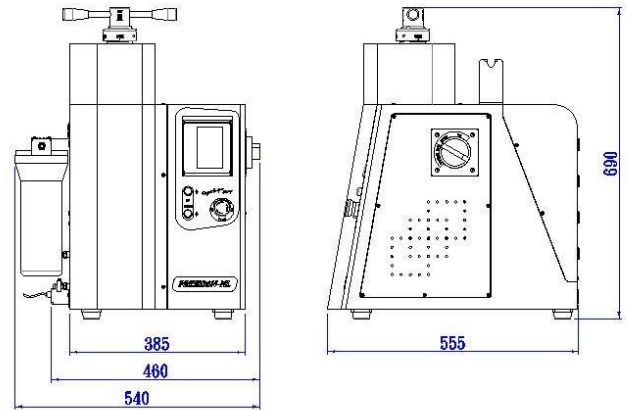
Parameter I

Dimension

L(unit : mm)



L-E3(unit : mm)

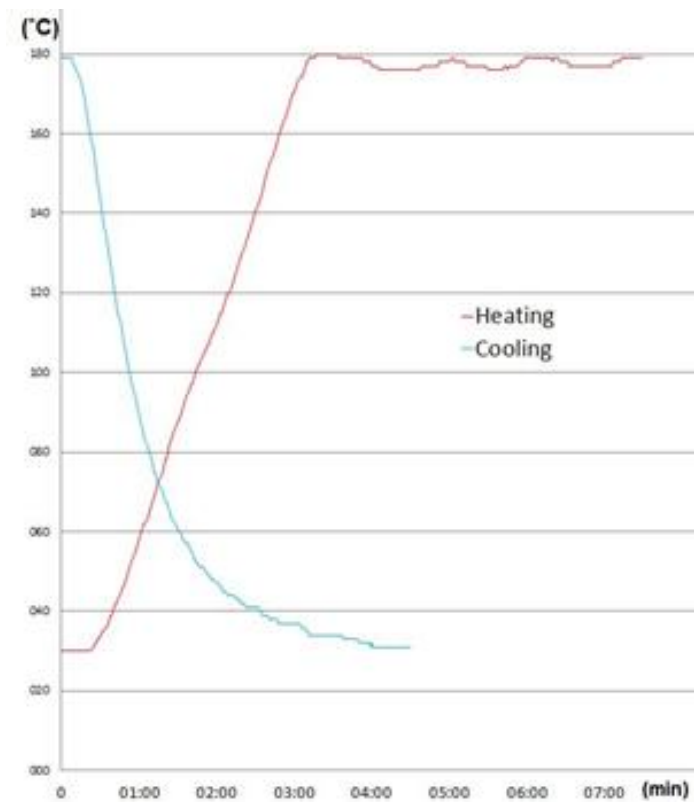


Heating/cooling graph line

Note:

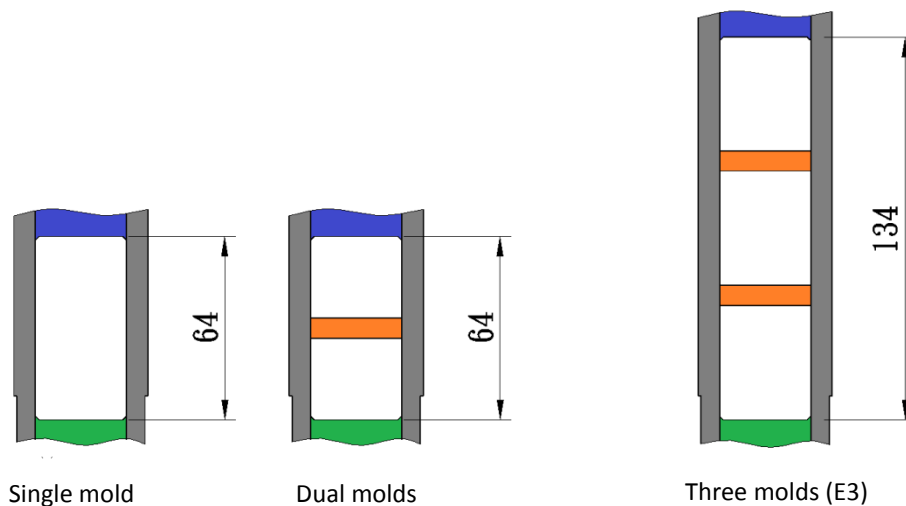
1. Sample- $\varnothing 32\text{mm} \times 20\text{mm}$ (t).
2. Testing results will be different according to weather condition, materials, sample sizes, and cylinder sizes.

(The parameter for reference only)



Parameter II

Mold size

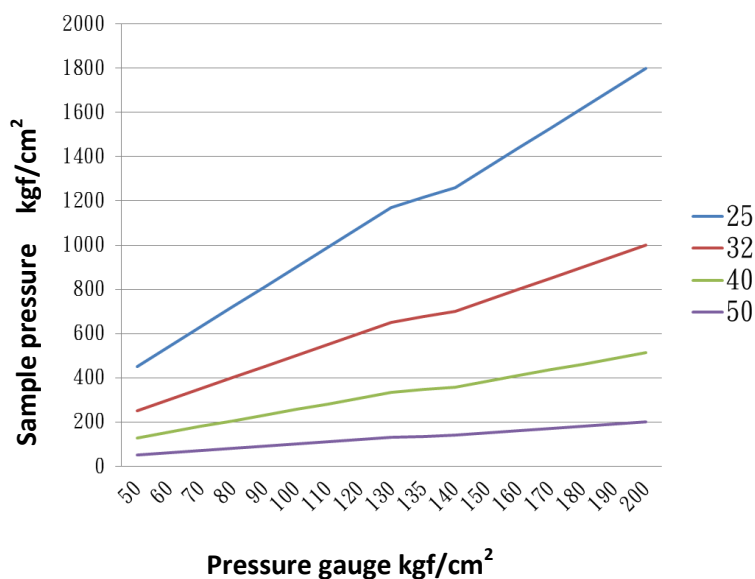


	Mounting size (mm)	Mounting height (mm)	Mounting powder weight (g)	Mold qty.	Mold volume (mm ³)
Single mold	Ø25	21	18	1	10303
	Ø32	21	30	1	16880
	Ø40	21	47	1	26376
	Ø50	21	75	1	41213
Dual mold	Ø25	14	12x2	2	6869
	Ø32	14	22x2	2	11253
	Ø40	14	31x2	2	17584
	Ø50	14	49x2	2	27427
Three molds (E3)	Ø25	18	16x3	3	8831
	Ø32	18	25x3	3	14469
	Ø40	18	40x3	3	22608
	Ø50	18	63x3	3	35325

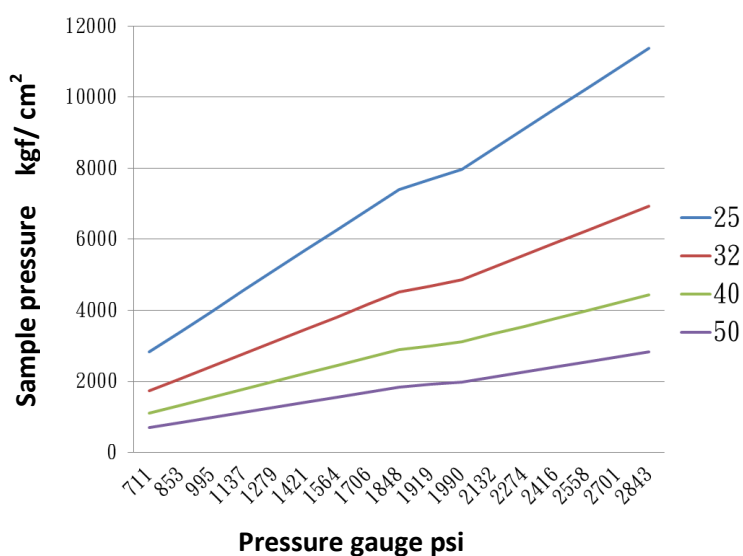
Parameter III

Mounting pressure comparison table

	Metric system (Kg/cm ²)	British system (psi)
Pressure adding	0~200	0~2843
Max. pressure	200	2843



Sample size	Max. pressure (Kg/cm ²)
Ø25mm	800
Ø32mm	488
Ø40mm	312
Ø50mm	200



Sample size	Max. pressure (psi)
Ø25mm	11370
Ø32mm	6940
Ø40mm	4440
Ø50mm	2842

Consumables

Clear transparent acrylic hot mounting resin

	Order no.	S030109	1 kg
		S030108	2 kg
		S030109-1	5 lb (2.27kg)

Conductive mounting resin, thermosetting, Phenol- formaldehyde resin

	Order no.	S030106	1 lb (0.45kg)
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Black bake lite hot mounting resin

	Order no.	S03001	Black-25 kg
		S03001-1	Black-1 kg
		S03002	Brown-25 kg
		S03002-1	Brown-1 kg
		S03002-2	Brown-2 kg
		S03003	Green-25 kg
		S03003-1	Green-1 kg
		S03004	Red-25 kg
		S03004-1	Red-1 kg

Remark: Welcome to get the more detail information of consumables in the follow link

<http://toptech.synology.me/Consumables/MountingEN.pdf>





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