

KING'S
Solution Corp.



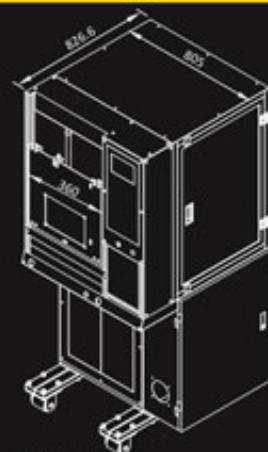
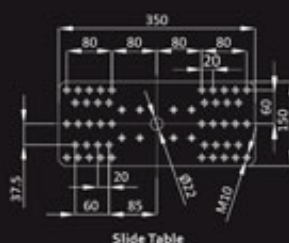
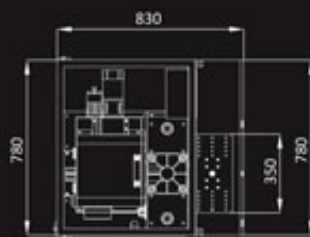
Low Pressure Molding
An innovative process:
20~500psi(1.5~30Kgf/cm²)
To replace the epoxy potting
for protection of fragile
electronic components.

CE

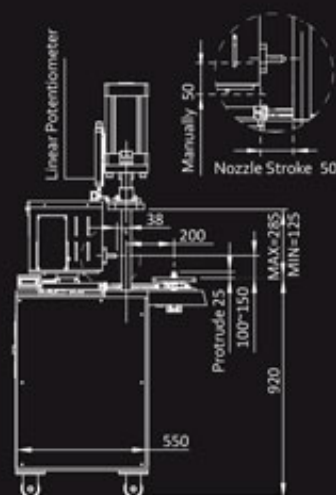
Low Pressure
Molding Machine



CE Low Pressure Molding Machine



- Machine driven by pneumatics and servo motor, energy saving, low pollution and no oil leakage, suitable for clean room and laboratory.
- The Pressure adjusting valve control the pressure of injection.
- TWO PID thermal temperature control zones(Melting tank and nozzle).
- Teflon coated melting tank made from Aluminum alloy , heated evenly & rapidly, much easier to clean.
- Nozzle connected to melting tank, injection unit driven by air pressure.
- Nozzle directly connected to gear pump and no heating pipe, avoid crystallization.
- Two tie-bar design for molding small parts, operation easily.
- Sealing cover, pneumatic door and dual palm safety button Meet with CE Standards.
- Multi-Language PC Base industrial type Linux core system.
- 1000 sets of mold settings can be stored and export as backup.
- Complete record of history settings & warnings. Built in USB connect.
- On-line control and maintenance service.



Model

KL-VHS-01-1-09-1-CE

INJECTION UNIT

Injection Type		Horizontal injection from parting line
Capacity	L	3.5 / 6.5 *Optional
Injection Capacity	ml/r	8.98
Pump Speed	r.p.m.	0~100
Nozzle Stroke	mm	50
Nozzle Contact Force	Tf	0.06

CLAMPING UNIT

Clamping System		Pneumatic	Air Booster
Clamping Force	Tf	1	4
Opening Stroke	mm	160	
Mould Space	mm	285	
Min Mould Space	mm	125	
Overall Size of Platens	mm	510*180	
Space Between Columns	mm	360	
Size Of Shuttler Platen	mm	350*150	*Optional
Shuttle Plate Stroke	mm	200	*Optional
Ejector		Pneumatic	
Ejector Force	Tf	0.12	
Ejector Stroke	mm	(UP) 25	

ELECTRICAL EQUIPMENT & GENERAL

Power Source / Voltage	V/Hz	1φ-220v (60Hz / 50Hz)
Drive Motor	KW	0.4
Heater	KW	3.92
Temperature Control Zone	ZONE	2 3
Hydraulic System Pressure	kgf/cm ²	6
Machine Dimension	m	0.9*0.8*1.8
Machine Weight	ton	0.4

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