

No. 694 Fine Labo Press

Model **SAP-1**



■ APPLICATION

In order to permit reliable sample formation not possible with conventional machine, the Fine Labo Press, incorporates automatic deforming operation and a mechanism for cooling at constant rate by controlling the flow of cooling water to control the cooling rate.

■ FEATURES

- Compact and easy operate because oil pack cylinder is used for applying pressure to the heating platen.
- No pressure fluctuation even in long time compression molding.
- Allows reliable sample molding through use of automatic deforming operation and cooling rate control.
- Accurate temperature control of heating platen by means of electric heating system.
- Molding process can be accurately controlled by using timer and counter.

■ SPECIFICATIONS

Model	SAP-1
Pressure	100kN to 500kN
Dimensions of heating plate	300 x 300mm
Stroke	100mm
Temperature range	Room temperature +25°C to 300°C
Heating system	Electrical (SSR control)
Temperature control	Digital system, PID control
Preheat time	Max. 99min.59sec.
Molding time	Max. 99min.59sec.
Deairing time	0 to 60sec.
Deairing frequency	0 to 99times
Average cooling rate	10±5°C/min. or 15±5°C/min.
Power requirement	Three-phase, AC200V, 30A, 50Hz or 60Hz (SAP-1 mainbody) Three-phase, AC200V, 30A, 50Hz or 60Hz (Hydraulic unit)
Compressed air requirement	0.4MPa, 10L/min.
Cooling water requirement	25L/min. (Minimum pressure 0.15MPa)
Hydraulic unit noise level	Max.73dB
Dimensions	W1170 x D660 x H1435mm (SAP-1 mainbody) W925 x D630 x H1100mm (Hydraulic unit)
Weight	Approx. 600kg (Main unit)
Related standards	JIS K 7151, ISO 293

■ OPTIONS

	Name	Model
1	Chiller	
2	Data processing software	

Specifications are subject to change without notice.



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