

Laboratory Hydraulic Hot Press Machine



Introduction: Laboratory hydraulic hot press machine is placed in the casting mold and clamped between the electric-heating flat platens to apply pressure and temperature to form the sheet, shape of test materials.

Features:

Auto rise, constant pressure, constant temperature, water inlet, completion of multiple pressure segment, heating and cooling.

Specification:

Laboratory Hydraulic Hot Press Machine		
Model	EI-HHP50-1	EI-HHP100-1
Capacity	50 ton pressure adjustable	100 ton pressure adjustable
Temp. Range	Room temp. to 500°C	
Temperature Accuracy	±2.5%	
Heating System	P.I.D control	
Timer	LED display, Time range up to 99min/9.9hr	

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ECO INSTRUMENT (NS0081046-M)

Heating Type	Electrical Heating module	
Heating Rate	8-10°C/minute heat up to 170°C	
Pressure Platen	Auto & manual control, single or dual compression space, heat platens or cold platens	
Pressure Accuracy	±2%	
Pressure Platen Dimension	600x600mm	1000x1000mm
Distance of Pressure Platen	115mm	
Cooling System	Tap water cooling	
Hydraulic system	Hydraulic flow closed-loop control system, oil pump drives high-performance electro-hydraulic with high-precision resistance free oil cylinder piston execution equal rate control mode, with pressure automatic compensation function The time for first and second pressurization can be pre-set	
Hydraulic Cylinder Stroke	180mm	
Hydraulic Cylinder Speed	11mm/s	
Pressure Gauge	0~210kg/sq.cm	
Dimension	1700×1400×1700mm	2100x1800x1800mm
Rate Voltage	AC415V, 50Hz	
Weight	Approx. 2000kg	Approx. 3000kg

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