

Solid State Battery Research Laboratory Hydraulic Hot Press Machine

Item Number: MY22



Introduction

Compact benchtop hydraulic hot press machine designed for solid-state battery research, featuring dual-zone independent heating up to 300°C, programmable pressure control with automatic replenishment, and integrated water cooling for rapid cycle times, suitable for electrolyte fabrication and electrode lamination.

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Parameter	Specification
Model	MY22
Platen Dimensions	180 × 180 mm
Platen Opening Height	50 mm
Pressing Force Range	0 to 25 Tons (T)
Pressure Control Accuracy	±0.1 Tons
Pressure Holding Mode	Programmable automatic pressure maintenance with automatic pressure compensation / replenishment
Temperature Range	Ambient to 300 °C
Temperature Control	Dual-plate independent programmable heating/insulation control with ramp-rate setting
Heating Power	2,500 W
Platen Cooling Method	Circulating water cooling
Controller	7-inch touchscreen panel
Power Supply	220 V / 50 Hz or 110 V / 60 Hz (selected according to regional electrical standards)
External Dimensions	335 × 410 × 625 mm
Equipment Weight	180 kg