

Solid-State Battery Laboratory Hydraulic Hot Press Machine

Item Number: MY10



Introduction

Precision laboratory hydraulic hot press for solid-state battery research. Features servo-driven 0-4 ton pressure, dual-plate independent heating up to 300°C, active water cooling, and 7-inch touchscreen control. Ideal for electrolyte and electrode fabrication. Ensures oil-free operation for reproducible results.

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Parameter	Specification
Model	MY10
Platen Working Temperature	0 - 300 °C
Heating Control	Dual-plate independent programmable control (with ramp rate)
Heating Power	1500 W
Platen Dimensions	150 × 150 mm
Platen Spacing (Daylight)	50 mm
Working Pressure Range	0 - 4 T (Servo motor-driven)
Pressure Control Method	Programmable pressure & automatic pressure holding
Pressure Control Accuracy	±2 kg
Pressure Compensation	Automatic real-time re-pressurization
Controller	7-inch touchscreen PLC controller
Platen Cooling Method	Circulating water cooling
Power Requirement	AC 230V / 50Hz