

Programmable Laboratory Hydraulic Hot Press For Solid-State Battery Fabrication

Item Number: MY01



Introduction

Hydraulic hot press with 75 tons force programmable pressure control dual-zone heating up to 300°C ideal for solid-state battery electrolyte consolidation polymer composite curing electrode lamination features automatic pressure compensation adjustable ramp rates water cooling customizable options CE certified.

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Technical Parameter	Specification
Model	MY01
Maximum Force	75 Ton (750 kN)
Pressure Control Method	Programmable control with ramp rate
Pressure Control Accuracy	±0.5% of Full Scale
Pressure Compensation	Automatic holding and replenishment
Platen Working Temperature	0°C to 300°C
Platen Heating Control	Independent dual-platen heating, PID programmable with ramp rate
Platen Dimensions	500 mm × 500 mm
Platen Opening Distance (Daylight)	100 mm
Platen Cooling Method	Circulating water cooling
Power Supply	110V / 60Hz
Installation Dimensions	1200 mm × 800 mm × 1550 mm
Equipment Weight	Approximately 1300 kg