

Compact Solid-State Battery Laboratory Hydraulic Hot Press

Item Number: MY24



Introduction

Compact benchtop hydraulic hot press designed for solid-state battery fabrication, polymer composite curing, and electrode lamination. Features programmable PID temperature control up to 500°C, automatic pressure maintenance with high-precision 0.2% sensor accuracy, and a 7-inch touchscreen interface for repeatable results.

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Parameter	Specification
Model	MY24
Platen Working Temperature	0°C to 500°C
Heating Control Method	Programmable PID Control
Heating Power	3500 W
Platen Dimensions	300 mm × 300 mm
Platen Daylight (Spacing)	50 mm
Maximum Hydraulic Load	0 to 200 Tons (adjustable)
Pressure Control Method	Programmable Automatic Control
Pressure Sensor Accuracy	0.2% Full Scale
Pressure Maintenance Mode	Automatic compensation / threshold adjustable (e.g., ±0.5% of target)
User Interface	7-inch Touchscreen Controller
Power Requirements	220 V / 50 Hz
Equipment Dimensions	650 mm × 500 mm × 850 mm
Equipment Weight	550 kg