

Laboratory Hydraulic Hot Press For Solid-State Battery And Polymer Composite Research

Item Number: MY25



Introduction

Compact benchtop hydraulic hot press for solid-state battery electrolyte compaction, polymer membrane lamination, and composite curing. Features programmable PID heating up to 200°C, precise hydraulic pressure up to 90 tons, and automated pressure maintenance. Ideal for material science labs.

[Learn More](#)

Parameter	Specification
Model	MY25
Platen Working Temperature	0 – 200 °C
Heating Control Method	PID Programmable Control
Heating Power	3500 W
Platen Dimensions	300 mm × 300 mm
Platen daylight (Distance)	50 mm
Working Pressure Range	0 – 90 Tons
Pressure Control Method	PIDS Hydraulic Control with Auto-Replenishment
Pressure Sensor Accuracy	0.2% of Full Scale
System Controller	7-inch Touch Screen Controller
Power Supply	220 V / 50 Hz
Equipment Dimensions	650 mm × 550 mm × 650 mm
Equipment Weight	350 kg