

Laboratory Hydraulic Hot Press Machine For Solid-State Battery Assembly And Advanced Materials Research

Item Number: ZY09



Introduction

Compact benchtop laboratory hydraulic hot press for solid-state battery assembly and advanced materials research. Independent dual-platen heating up to 300°C, programmable touchscreen control, automatic pressure stabilization, and rapid water cooling. Ideal for polymer composites, pharmaceuticals, and membrane fabrication.

[Learn More](#)

Parameter	Specification
Model	ZY09
Working Temperature Range	0 – 300 °C
Heating Method	Embedded heaters, independent dual-platen heating
Heating Power	1400 W
Platen Dimensions	180 × 180 mm
Platen Opening (Daylight)	50 mm
Working Pressure Range	0 – 30 T
Pressure Control Accuracy	±0.15 T
Pressure Maintenance	Automatic pressure holding and real-time compensation
Cooling System	Rapid-cooling platens via circulating water chiller
Power Supply	AC 110 V / 60 Hz
Controller	Programmable touchscreen temperature and pressure controller
Equipment Dimensions	260 × 347 × 422 mm
Weight	150 kg