

Solid State Battery Laboratory Hydraulic Hot Press Dual Zone Heating Programmable Pressure Control

Item Number: MY23



Introduction

High-precision hydraulic hot press for solid-state battery research, featuring dual-zone independent heating up to 200°C, 0-15 ton adjustable pressure, 8-stage programmable sequences, real-time data logging via 7-inch touchscreen, and active water cooling. Ideal for laboratory material development and research.

[Learn More](#)

Parameter	Specification
Model	MY23
Heating Platen Size	500 × 500 mm
Rated Heating Power	12 kW (2 × 6000 W)
Heating Control	Dual-plate independent programmable control
Temperature Range	Ambient to 200 °C
Cooling Method	Circulating chilled water cooling
Working Pressure Range	0 to 15 T (Tons)
Pressure Control Accuracy	±1% of full scale
Pressure Holding & Replenishment	Automatic pressure maintenance and automatic replenishment
Pressure Control Method	8-stage programmable pressure and holding control
Pressure Source	Integrated hydraulic system
Platen Clearance (Daylight)	60 mm
Controller	7-inch PID programmable touch screen
Software Features	English interface, real-time data logging, and USB data export
Power Requirement	AC 3-Phase, 400 V / 50 Hz
Safety Protection	Interlocked door with automatic shut-off mechanism
Certification	CE compliant
Main Unit Dimensions	W1250 × D750 × H1300 mm
Supporting Chiller Dimensions	W470 × D670 × H890 mm