Laboratory Hydraulic Hot Press With Programmable Dual Platen Heating For Solid-State Battery Electrolyte Research

Item Number: MY9

Introduction

Precision laboratory hydraulic hot press with independent dual-platen programmable heating, active water cooling, and programmable multi-stage pressure control. Ideal for solid-state electrolyte, fuel cell MEA, and composite curing research. 0–50T force, 0–300°C temperature range, 200x200mm platens, ±0.2T accuracy.

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Parameter Item	Specification
Model	MY9
Platen Working Temperature	0–300°C
Heating Control	Dual-platen independent programmable control with heating ramp
Heating Power	2200 W
Platen Dimensions	200 × 200 mm
Platen Gap	50 mm
Working Pressure	0–50 T (Hydraulic)
Pressure Control Mode	Programmable multi-stage pressure and pressure-holding
Pressure Control Accuracy	±0.2 T (±0.4% of full scale)
Pressure Holding & Reloading	Automatic pressure-drop detection with micro-compensation (auto-reloading)
Controller	7-inch touchscreen PLC controller
Platen Cooling Method	Active circulating water cooling
Power Supply	220V / 50Hz
Certification	CE