

Solid-State Battery And Polymer Electrolyte Development Laboratory Hydraulic Hot Press Machine

Item Number: ZY12



Introduction

High-precision benchtop hydraulic hot press for solid-state battery and polymer electrolyte research. Features dual heated platens up to 300°C, automatic pressure compensation up to 15T, and integrated water cooling for repeatable results. Ideal for electrolyte compaction and PEMFC pressing.

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Technical Parameter	Specification Value
Model	ZY12
Hot Platen Working Temperature	0 - 300 °C
Heating Power	2 × 2700 W (Note: Previous versions utilize 2 × 2500 W)
Platen Dimensions	400 × 400 mm
Platen Clearance (Spacing)	50 mm
Working Pressure Range	0 - 15 T
Pressure Control Accuracy	±0.1 T
Pressure Control Method	Automatic pressure holding and auto-compensation
Platen Cooling Method	Circulating water cooling
Power Requirements	AC 220-230V / 50Hz
External Dimensions (L × W × H)	580 × 550 × 500 mm
Net Weight	210 kg