

Solid-State Battery And Polymer Composite Laboratory Hydraulic Hot Press

Item Number: ZY08



Introduction

Benchtop laboratory hydraulic hot press designed for solid-state battery and polymer composite material processing. Offers precise temperature control up to 300°C, dual-zone heating, and hydraulic pressure to 30 tons for uniform thin film and pellet fabrication. Ideal for research.

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Technical Parameter	Specification / Value
Model	ZY08
Platen Dimensions	300 mm × 300 mm
Working Pressure Range	0 - 30 Tons (0 - 300 kN)
Pressure Control Precision	±0.5 MPa
Pressure Maintenance & Compensation	Manual hydraulic with optional automatic pressure-stabilizing valve
Platen Working Temperature	Ambient to 300 °C
Heating Power	2 × 1500 W
Platen Cooling Method	Circulating water cooling (compatible with external water chiller)
Power Supply	220-230 V / 50 Hz
Equipment Dimensions	458 mm × 480 mm × 466 mm
Weight	260 kg