

Laboratory Hydraulic Hot Press For Solid-State Battery Electrolyte Preparation

Item Number: ZY03



Introduction

This compact high precision laboratory hydraulic hot press offers dual platen independent heating up to 300°C, 5 tons pressure, integrated water cooling with precise digital control for solid-state battery electrolyte preparation, polymer composite lamination, and membrane electrode assembly fabrication.

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Parameter	Value / Specification
Model	ZY03
Working Temperature	0 - 300°C
Temperature Control	7-inch Touch Screen (PID Control)
Heating Method	Embedded heater, dual-platen independent heating
Heating Power	700W
Platen Size	120 x 120 mm
Platen Opening	50 mm
Working Pressure	0 - 5 Tons (50 kN)
Pressure Control Precision	±0.05 Tons (±0.5 kN)
Pressure Maintenance	Automatic pressure holding and auto-replenishing function
Platen Cooling Method	Circulating water chilling
Dimensions	250 x 230 x 390 mm
Weight	55 kg
Power Supply	AC 220V, 50Hz
Certification	CE