Laboratory Hydraulic Hot Press Machine For Solid-State Battery Research

Item Number: ZY13

Introduction

Compact benchtop laboratory hydraulic hot press machine designed for solid-state battery research, featuring independent dual-platen heating up to 300°C, programmable multi-step temperature and pressure profiles, automated pressure holding, and water cooling for advanced materials processing and battery electrode lamination.

Learn More

Parameter	Specification
Model	ZY13
Working Temperature	0 – 300°C
Heating Method	Embedded heater, independent dual-platen heating
Heating Power	2800 W
Platen Dimensions	180 × 180 mm
Platen Opening (Daylight)	50 mm
Working Pressure Range	0 – 15 T (Tons)
Pressure Control Precision	±0.1 T
Pressure Holding & Compensation	Automated real-time pressure holding and replenishment
Platen Cooling Method	Circulating cooling water
Power Supply	AC 220V / 50Hz
Controller Type	Programmable touchscreen controller (temperature & pressure)
Reference Weight	130 kg