

Laboratory Hydraulic Hot Press For Solid-State Battery And Polymer Membrane Preparation

Item Number: MY02



Introduction

This benchtop hydraulic hot press delivers precise heating up to 300°C and 5 tons force for solid-state battery electrolyte compaction and polymer membrane fabrication. Featuring independent dual-platen heating, PID control, and water cooling. Compact benchtop design ensures lab integration.

[Learn More](#)

Parameter	Specification
Model	MY02
Platen Working Temperature	Ambient to 300 °C
Heating Power	4500 W
Heating Control Method	Dual-platen independent heating control
Temperature Controller	Programmable PID controller
Platen Dimensions	330 mm × 330 mm
Working Force Range	0 to 5 T (0 to 50 kN)
Platen Surface Pressure Range	0 to 4.5 Bar
Pressure Control Accuracy	±0.5% Full Scale (F.S.)
Pressure Stability	Automatic active replenishment and pressure holding
Piston Stroke	60 mm
Platen Cooling Method	Circulating water cooling
Power Requirements	AC 220 V, 50 Hz
Certification	CE Certified