



ACS Material Equipment Series

PressPro™ Automatic Isostatic Heat Press Machine

(EPSXA series)

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I. Product Composition

1) Main Machine

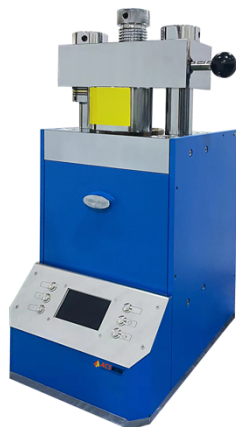


Photo of Automatic Isostatic Heat Press Machine-EPSXA series

II. Product Features

The hot isostatic press machine utilizes an electric heating module to wrap around and heat the exterior of the isostatic chamber. Through thermal conduction, this heats the chamber, the liquid it contains, and the samples to the required experimental temperature, making it suitable for various new material research and development fields.

III. Product Specifications

Product Name	PressPro™ Automatic Isostatic Heat Press Machine			
Model	EPSXA020	EPSXA030	EPSXA040	EPSXA060
Pressure Range	0.2-20T/0.1t	0.3-30T/0.1t	0.4-40T/0.1t	0.5-60T/0.1t
Piston Diameter	Φ95mm	Φ110mm	Φ130mm	Φ150mm
Max Piston Stroke	< 30mm		< 50mm	
Pressurization Method	Automatic Pressurization / Gradual Pressurization Automatic Pressurization - Automatic Pressure Holding - Precise Pressure Filling - Automatic Pressure Calculation - Timed Pressure Relief			
Pressurization Stages	5 Segments			
Pressure Holding Time	Unlimited seconds, configurable per stage			
Control Interface	XNNETS 7-inch Touch LCD Screen (remote control optional) Pressure system - data management system - Chinese and English interfaces interchangeable, etc. (USB upgradable)			
Sample Pressure Conversion	Real-time automatic calculation of sample pressure (MPa)			

Hydraulic Cylinder Limit Protection	Automatic pressure relief when the cylinder rises and touches the limit switch.			
System Safety Configuration	Automatic pressure relief when system pressure exceeds a safe value			
Safety Configuration	Steel plate protection, bulletproof glass protection door, leakage protection, emergency stop switch			
Power Supply	220V (50Hz/60Hz)			
Chamber Temperature Range	Room temperature -200°C/0.1°C (5-stage heating/5-stage holding)			
Isostatic Chamber Dimensions	Φ22×120mm	Φ30×150mm	Φ40×150mm	Φ50×150mm
Chamber Pressure Range	≤200MPa/8t	≤200MPa/15t	≤200MPa/26t	≤200MPa/40t
Weight	~120kg	~130kg	~200kg	~260kg
Configuration Description	Includes 1 main machine, isostatic pressure machine customizable according to customer needs.			

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