



ACS Material Equipment Series

PressPro™ Automatic Isostatic Press Machine

(EPSPA series)

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I. Product Composition

- 1) Main Machine
- 2) Molds- Customizable, not included



Photo of Automatic Isostatic Press Machine-EPSPA series

II. Product Features

The machine uses electric-hydraulic drive and an integrated upper plate swing arm structure. Due to its attractive design, simple operation process, intelligent program control system, stable and reliable pressure data, and multiple safety protection devices, it is well-loved by users and suitable for use in high-end laboratories.

III. Product Specifications

Product Name	PressPro™ Automatic Isostatic Press Machine				
Model	EPSPA020	EPSPA030	EPSPA040	EPSPA060	EPSPA100
Pressure Range	0.3-20T/0.1t	0.3-30T/0.1t	0.5-40T/0.1t	1-60T/0.1t	1-100T/0.1t
Piston Diameter	Φ95mm	Φ110mm	Φ130mm	Φ150mm	Φ200mm
Max Piston Stroke	< 30mm	< 30mm	< 40mm	< 50mm	< 50mm
Pressurization Method	Automatic Pressurization / Gradual Pressurization Automatic Pressurization - Automatic Pressure Holding - Precise Pressure Filling - Timed Pressure Relief				
Pressurization Stages	5 Segments				
Pressure Holding Time	Unlimited seconds, configurable per stage				
Control Interface	7-inch Touch LCD Screen (remote control optional) Pressure System - Data Management System				
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)				
Maximum Power	400W				
Isostatic Chamber Dimensions	Φ22×70mm	Φ30×150mm	Φ40×150mm	Φ50×150mm	Φ60×150mm
Chamber Pressure Range	≤300MPa/12t	≤300MPa/22t	≤300MPa/39t	≤300MPa/60t	≤300MPa/87t
Overall Dimensions	240×390×560m m	240×390×560m m	280×460×660m m	300×500×680m m	330×580×720m m
Weight	~110kg	~120kg	~180kg	~240kg	~290kg
Configuration Description	Includes 1 main machine. Can be customized to 500MPa isostatic pressure machine or rubber molds according to customer needs.				

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