



ACS Material Equipment Series

PressPro™ Manual Isostatic Press Machine

(EPSM series)

- 1 – Product Composition
- 2 – Product Features
- 3 – Product Specifications

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I. Product Composition

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



Photo of Manual Isostatic Press Machine-EPSM series

II. Product Features

The machine uses manual hydraulic drive and is an entry-level model in our isostatic press series. The isostatic chamber needs to be moved each time a sample is made or taken. It is suitable for making small number of samples, does not require high work efficiency, and is best operated with strength and high safety awareness.

III. Product Specifications

Product Name	PressPro™ Manual Isostatic Press Machine							
Model	EPSMP 020	EPSMD 020	EPSMP 030	EPSMD 030	EPSMP 040	EPSMD 040	EPSMP 060	EPSMD 060
Pressure Range	0-20T/28.4MPa		0-30T/31.5MPa		0-40T/30MPa		0-60T/34MPa	
Pressure Conversion	1MPa=0.7t/1t=1.42 MPa		1MPa=0.95t/1t=1.05 MPa		1MPa=1.33t/1t=0.75 MPa		1MPa=1.76T/1t=0.56 MPa	
Piston Diameter	Φ95mm		Φ110mm		Φ130mm		Φ150mm	
Max Piston Stroke	< 30mm		< 40mm		< 50mm		< 50mm	
	Warning! Please pay attention to the rising height of the cylinder, do not exceed it!							
Pressure Gauge Type	Pointer	Digital	Pointer	Digital	Pointer	Digital	Pointer	Digital
Pressurization Method	Manual Pressurization / Manual Gradual Pressurization, Manual Pressure Relief							
Safety Configuration	Steel plate protection, bulletproof glass door							

Isostatic Chamber Dimensions	Φ22×70mm	Φ30×120mm	Φ40×150mm	Φ50×150mm
Chamber Pressure Range	≤300MPa/12t	≤300MPa/22t	≤300MPa/39t	≤300MPa/60t
Overall Dimensions	305×195×530mm	305×195×600mm	355×215×710mm	405×240×720mm
Weight	~90kg	~100kg	~130kg	~180kg
Configuration Description	Includes 1 main machine, 1 set of isostatic pressure chamber, digital display is optional. Can be customized to 500MPa isostatic pressure machine or rubber molds according to customer needs.			

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