

# Manual Lab Heat Press

Item Number: PCHP



## Introduction

Manual hydraulic presses are mainly used in laboratories for various applications such as forging, molding, stamping, riveting and other operations. It allows the creation of complex shapes while saving material.

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Product model	PCHP-600C	PCHPH-600C
Pressure range	24T	24T
Temperature control range	Room temperature -800 °C	Room temperature -600 °C
Temperature control method	The intelligent 5-stage adjustable continuous temperature control and different holding time can be set	1 stage of temperature control and heat preservation time
Mold heating range	Room temperature -300 °C	Room temperature -300 °C
Mold size	100*100mm	100*100mm
Temperature control accuracy	0.1°C	0.1°C
Real-time vs. actual temperature	±1°C	Unknown
Temperature calibration	Self-calibrating	not
Pressure control accuracy	0.1T [can be customized and set by yourself]	0.1T
Display mode and settings	7-inch touch LCD screen, click to enter the setting value directly, and the brightness of the screen can be adjusted	The setting can only be set by continuously clicking the button on the side of Pingmu
Mold pressure conversion	The program automatically converts/directly displays the pressure on the sample (Mpa)	not
Heating safety tips	After heating, the real-time temperature of the mold is displayed and attention is paid to prevent soup	not
Data management	It can be managed, stored, and viewed	not

Product model	PCHP-600D1	PCHP-600D2	PCHP-600DG1	PCHP-600DG2
Pressure range	0-30T		0-30T	
Cylinder diameter	Φ110mm		Φ110mm	
Cylinder stroke	30mm		30mm	
The temperature control range of the intelligent thermostat	Room temperature -800 °C		Room temperature -800 °C	
Intelligent thermostat temperature control mode	5 levels of adjustable continuous temperature control		5 levels of adjustable continuous temperature control	

Mold heating range	Room temperature -300 °C	Room temperature -300 °C
Mould size:	180*180mm200*200mm	180*180mm200*200mm
Temperature control accuracy	0.1℃	0.1℃
Pressure control accuracy	0.1T [can be customized and set by yourself]	0.1T [can be customized and set by yourself]
Dwell time	Unlimited time (manual pressure relief)	Unlimited time (manual pressure relief)
How it is displayed	7 inch touch LCD screen	7 inch touch LCD screen
Mold pressure conversion	The program automatically converts/directly displays the pressure on the sample (Mpa)	The program automatically converts/directly displays the pressure on the sample (Mpa)
Heating safety tips	The program automatically converts/directly displays the pressure on the sample (Mpa)	The program automatically converts/directly displays the pressure on the sample (Mpa)
Data management	It can be managed, stored, and viewed	It can be managed, stored, and viewed
Device power	220V□50Hz/60Hz□	220V□50Hz/60Hz□