



KINTEK PRESS

Laboratory Heated Press Catalog

Contact us for more catalogs of [Laboratory Hydraulic Press](#), etc.

KINTEK PRESS

COMPANY PROFILE

>>> About Us

KINTEK Press is a technology-driven innovator specializing in precision lab press equipment, including automatic lab presses, isostatic presses, heated lab presses, and other specialized compaction systems. Designed for materials science, research & development, sample preparation, and quality control applications, our robust, reliable systems prioritize precision, safety, and repeatability in demanding pressing operations and material characterization, empowering researchers and industrial labs to achieve groundbreaking results.



Heated Hydraulic Press Machine With Heated Plates For Vacuum Box Laboratory Hot Press

Item Number: PCVM



Introduction

Enhance lab precision with KINTEK's Heated Vacuum Lab Press for uniform, oxidation-free samples. Ideal for sensitive materials. Get expert advice now!

[Learn More](#)

Instrument model	PCVM-10T
Pressure Range	0-10.0 tons
Pressurization process	Manual pressurization
Heating temperature	Maximum 500°C
Heating plate	180x180mm, 200x200mm (customizable options may be available)
Vacuum box material	SUS 304 (stainless steel)
Studio Size	400x400x400mm
Door size	300x350mm
Vacuum degree	-0.1MPa
Dimensions (LxWxH)	450x550x850mm
Power supply	220V 50Hz (110V option available)

Laboratory Split Manual Heated Hydraulic Press Machine With Hot Plates

Item Number: PCSM



Introduction

Boost lab efficiency with KINTEK's heated lab presses—precise temperature control, durable design, and rapid cooling for consistent results. Explore now!

[Learn More](#)

Instrument model	PCSM-30T3030	PCSM-40T4040
Pressure Range	0-30.0 tons	0-40.0 tons
Piston diameter	130mm (d) in chrome plated oil cylinder	130mm (d) in chrome plated oil cylinder
Main overall structure	Equipment without sealed connections to reduce oil leakage points	Equipment without sealed connections to reduce oil leakage points
Mold heating temperature	Room temperature-300.0C/500.0C	Room temperature-300.0C
Insulation method	Imported insulation board	Imported insulation board
Cooling method	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]
Hot platen size	300×300mm (M×N)	400×400mm(M×N)
Host size	380×350×600mm(K×P×H)	500×480×650(K×P×H)
Dimensions	700×400×600mm(L×W×H)	800×480×650(L×W×H)
Power supply	3000 W(220V/110V can be customized)	5000 W(220V/110V can be customized)
Weight	260 Kg	460Kg
Dimensional diagram of powder tablet press	See picture below	See picture below

Manual Heated Hydraulic Lab Press With Integrated Hot Plates

Hydraulic Press Machine

Item Number: PCY



Introduction

KINTEK's precision lab presses offer efficient, high-temperature sample prep for material research, pharmacy, and ceramics. Explore models now!

[Learn More](#)

Instrument model	PCY-5T1212	PCY-10T1818	PCY-10T2020	PCY-15T3030
Pressure Range	0-5.0 tons	0-10.0 tons	0-10.0 tons	0-15.0 tons
Piston diameter	50mm (d) in chrome plated oil cylinder	65mm (d) in chrome plated oil cylinder	65mm (d) in chrome plated oil cylinder	95mm (d) in chrome plated oil cylinder
Main overall structure	Equipment without sealed connections to reduce oil leakage points	Equipment without sealed connections to reduce oil leakage points	Equipment without sealed connections to reduce oil leakage points	Equipment without sealed connections to reduce oil leakage points
Mold heating temperature	Room temperature -300.0C/500.0C	Room temperature-300.0C/500.0C	Room temperature-300.0C/500.0C	Room temperature-300.0C/500.0C
Insulation method	Imported insulation board	Imported insulation board	Imported insulation board	Imported insulation board
Cooling method	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]
Hot platen size	Double plate heating 120×120mm(M×N)	Double plate heating 180×180mm(M×N)	Double plate heating 200×200mm(M×N)	Double plate heating 300×300mm(M×N)
Workspace	140×140×60mm	180×180×60mm	200×200×60 mm	300×300×65mm
Dimensions	250×230×390mm(L×W×H)	290×290×420mm(L×W×H)	320×290×420mm(L×W×H)	450×420×450mm(L×W×H)
Power supply	700W(220V/110V can be customized)	1000 W(220V/110V can be customized)	1200 W(220V/110V can be customized)	3000 W(220V/110V can be customized)
Weight	55 Kg	90 Kg	95Kg	180Kg
Dimensional diagram of powder tablet press	See picture below	See picture below	See picture below	See picture below

Laboratory Manual Heated Hydraulic Press Machine With Hot Plates

Item Number: CPCL



Introduction

KINTEK's Manual Hot Press delivers precise material processing with controlled heat and pressure. Ideal for labs needing reliable bonds and high-quality samples. Contact us today!

[Learn More](#)

Instrument model	PC-900L
Pressure Range	0-5.0 tons
Pressurization process	Manual pressurization
Cylinder stroke	80mm
Heating temperature	Up to 1000°C (customizable)
Mold material	Nickel-based alloy (high temperature resistant material) or as specified
Sample size	Φ10-30mm (customizable)
Mold shape	Φ50x90mm (customizable)
The caliber of the furnace	Φ60mm (customizable)
Size of the machine (LxWxH)	Approx. 400x380x780 mm
Power supply	220V 50Hz (customizable)

Dimensional diagram of powder tablet press

24T 30T 60T Heated Hydraulic Lab Press Machine With Hot Plates For Laboratory

Item Number: PCH



Introduction

High-quality hydraulic lab presses for precise sample preparation. Choose automatic or heated models for material research, pharmacy, and more. Get a quote now!

[Learn More](#)

Instrument model	PCH-24T1010	PCH-30T2020	PCH-30T1818
Pressure Range	0-24.0 tons	0-30.0 tons	0-30.0 tons
piston diameter	95mm (d) in chrome plated oil cylinder	110mm (d) in chrome plated oil cylinder	150mm (d) in chrome plated oil cylinder
Main overall structure	Equipment without sealed connections to reduce oil leakage points	Equipment without sealed connections to reduce oil leakage points	Equipment without sealed connections to reduce oil leakage points
Mold heating temperature	Room temperature-300.0C/500.0C	Room temperature -300.0C/500.0C	Room temperature-300.0C/500.0C
Insulation method	Imported insulation board	Imported insulation board	Imported insulation board
Cooling method	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]
Hot platen size	100×100mm (M×N)with chamfer	200×200mm(M×N)	180×180mm (M×N)
Host size	245×175×500mm(K×P×H)	405×260×525mm(K×P×H)	405 ×260×525mm(K×P×H)
Dimensions	500×175×500mm(L×W×H)	950×260×525mm(L×W×H)	950×260×525mm(L×W×H)
power supply	600 W(220V/110V can be customized)	1200 W(220V/110V can be customized)	1000 W(220V/110V can be customized)
Weight	60 Kg	180 Kg	180 Kg

Heated Hydraulic Press Machine With Heated Plates For Vacuum Box Laboratory Hot Press

Item Number: PCV



Introduction

KINTEK Heated Hydraulic Lab Press with Vacuum Box ensures precise sample preparation. Compact, durable, and featuring digital pressure control for superior results.

[Learn More](#)

Instrument model	PCV-10T1818	PCV-10T2020
Pressure Range	0-10.0 tons	0-10.0 tons
Pressurization process	Manual pressurization	Manual pressurization
Heating temperature	Maximum 500°C	Maximum 500°C
Heating plate	180×180mm	200×200mm
Vacuum box material	SUS 304 (stainless steel)	SUS 304 (stainless steel)
Studio Size	400×400×400mm	400×100×400mm
Door size	300×350mm	300×350mm
Vacuum degree	-0.1MPa	-0.1MPa
Dimensions	450×550×850(L×W×H)	450×550×850(L×W×H)
Power supply	220V50Hz (can support 110V)	220V50Hz (can support 110V)

Split Automatic Heated Hydraulic Press Machine With Heated Plates

Item Number: PCSE



Introduction

KINTEK Split Automatic Heated Lab Press: Precision hydraulic press with 300°C heating for efficient sample preparation. Ideal for research labs.

[Learn More](#)

Instrument model	PCSE-40T4040	PCSE-30T3030
Pressure Range	0-40.0 tons	0-30.0tons
Pressurization process	Program pressurization - Program holding -Timed pressure relief	Program pressurization - Program holding - Timed pressure relief
Mold heating temperature	Room temperature-300.0°C	Room temperature -300.0°C / 500.0°C (Optional)
Insulation method	Imported insulation board	Imported insulation board
Cooling method	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]
Hot platen size	400×400mm (M×N)	300×300mm (M×N)
Host size	500×480X650mm (K×P×H)	380×350×600mm (K×P×H)
Dimensions	850×480X650mm (L×W×H)	700×400×600mm (L×W×H)
Powersupply	5500W (220V/110V can be customized)	3500W (220V/110V can be customized)
Weight	480 Kg	280 Kg

Automatic Heated Hydraulic Press Machine With Heated Plates For Laboratory

Item Number: PPL



Introduction

KINTEK Automatic Heated Hydraulic Lab Press: Precision heating, uniform pressure, and automated control for superior sample processing. Ideal for labs and research. Contact us today!

[Learn More](#)

Instrument model	PP-900L
Pressure Range	0-10T
Pressurization process	Program pressurization - program pressure - timed pressure relief
Pressure retention time	1 second ~ 9999 seconds (Adjusted "0seconds" for clarity)
Cylinder stroke	80mm
Heating temperature	Up to 1000°C
Mold material	Nickel-based alloy (high temperature resistant material)
Sample size	Φ10-30mm
Mold shape	Φ50x90mm
The caliber of the furnace	Φ60mm
Size of the whole machine	400x380x780 (LxWxH) mm
Power supply	220V 50Hz
Dimensional diagram of powder tablet press	

Automatic Heated Hydraulic Press Machine With Hot Plates For Laboratory

Item Number: PCAH



Introduction

KINTEK Automatic Lab Heat Press: Precision heating, programmable control, and rapid cooling for efficient sample preparation. Enhance lab productivity today!

[Learn More](#)

Instrument Model	PCAH-25T1818/1818G	PCAH-25T2020/2020G	PCAH-30T3030/3030G	PCAH-40T4040/4040G
Pressure Range	0-25.0 tons	0-25.0 tons	0-30.0 tons	0-40.0 tons
Pressurization Process	Program pressurization - Program holding - Timed pressure relief	Program pressurization - Program holding - Timed pressure relief	Program pressurization - Program holding - Timed pressure relief	Program pressurization - Program holding - Timed pressure relief
Mold Heating Temperature	Room temperature-300.0°C/500.0°C	Room temperature-300.0°C/500.0°C	Room temperature-300.0°C/500.0°C	Room temperature-300.0°C
Insulation Method	Imported insulation board	Imported insulation board	Imported insulation board	Imported insulation board
Cooling Method	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]	Quick cooling with water cooling [optional water cooling machine]
Hot platen size	180×180mm(M×N)	200×200mm(M×N)	300×300mm(M×N)	400×400mm(M×N)
Dimensions	300×390×560mm(L×W×H)	300×390×560mm(L×W×H)	400×490×580mm(L×W×H)	500×550×620mm(L×W×H)
Powersupply	1700 W (220V/110V can be customized)	1700 W(220V/110V can be customized)	3500 W(220V/110V can be customized)	5500 W (220V/110V can be customized)
Weight	140 Kg	140 Kg	280 Kg	480 Kg

Automatic High Temperature Heated Hydraulic Press Machine With Heated Plates For Lab

Item Number: PHA



Introduction

KINTEK High Temperature Hot Press: Precision sintering & material processing for labs. Achieve extreme temperatures & consistent results. Custom solutions available.

[Learn More](#)

Instrument model	PHA
Pressure range	0-10T
Pressure process	Program pressurization-Program pressure maintenance-timed pressure release
Pressure holding time	1 second~∞ seconds
Cylinder stroke	80mm
Heating temperature	Maximum 1000°C
Mold material	Nickel-based alloy (high temperature resistant material)
Sample size	Diameter 10-30mm
Mold shape	Diameter 50*90mm (referring to outer dimensions or specific mold type)
Furnace diameter	Diameter 60mm
Complete machine size	400*380*780 (L*W*H) mm
Power supply	220V 50Hz
Powder tablet press size diagram	



Kintek Press

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