



KINTEK SOLUTION

Warm Isostatic Press Catalog

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KINTEK SOLUTION

COMPANY PROFILE

>>> About Us

KinTek Group Limited is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vaccum creating, refrigerating, as while as pharmaceutical and petroleum extracting equipment.



Warm Isostatic Press (Wip) Workstation 300Mpa

Item Number: PCIW



Introduction

Discover Warm Isostatic Pressing (WIP) - A cutting-edge technology that enables uniform pressure to shape and press powdered products at a precise temperature. Ideal for complex parts and components in manufacturing.

[Learn More](#)

Model	Cylinder inner diameter (mm)	Cylinder inner height (mm)	Maximum pressure (MPa)	Maximum temperature
PCIW150	Ø150	300-500	300	(Deionized water) ≤ 90°C (heat transfer oil) ≤ 250°C
PCIW200	Ø200	500-1000		
PCIW250	Ø250			
PCIW300	Ø300			
PCIW350	Ø350	500-1500		
PCIW400	Ø400	500-2000		
PCIW450	Ø450	1000-3000		
PCIW500	Ø500			
PCIW630	Ø630			
PCIW710	Ø710			
PCIW800	Ø800			
PCIW910	Ø910			
PCIW1000	Ø1000			

Warm Isotatic Press For Solid State Battery Research

Item Number: PCIH



Introduction

Discover the advanced Warm Isostatic Press (WIP) for semiconductor lamination. Ideal for MLCC, hybrid chips, and medical electronics. Enhance strength and stability with precision.

[Learn More](#)

Instrument model	PCIH-20T	PCIH-40T	PCIH-60T	PCIH-100T
Pressure Range	0-20T	0-40T	0-60.0 tons	0-100 tons
Piston diameter	130mm (d) in chrome plated oil cylinder	150mm (d) in chrome plated oil cylinder	200mm (d) in chrome plated oil cylinder	220mm (d) in chrome plated oil cylinder
Pressurization process	Program pressurization - Program holding-Timed pressure relief			
Hold time	1 second to 999 minutes	1 second to 999 minutes	1 second to 999 minutes	1 second to 999 minutes
Pressure conversion	The program automatically converts the pressure borne by the sample			
Display	7 inch LCD screen	7 inch LCD screen	7 inch LCD screen	7 inch LCD screen
Heating temperature	Room temperature-200.0C	Room temperature-200.0C	Room temperature-200.0C	Room temperature-200.0C
Isostatic pressure	300MPa	300MPa	300MPa	500MPa
Isostatic chamber size	Φ30×150mm(M×N)	Φ40×150mm(M×N)	Φ×50×150 (M×N)	Φ×50×150 (M×N)
Piston stroke (T)	50mm	50mm	50mm	50mm



Kintek Solution

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