KINTEK PRESS

Warm Isostatic 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.

Warm Isostatic Press For Solid State Battery Research Warm Isostatic Press

Item Number: PCIH

Introduction

KINTEK Warm Isostatic Press (WIP) for precision lamination in semiconductors & solid-state batteries. ASME-certified, 50-100°C control, high-pressure capabilities. Enhance material performance now!

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 Press

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