



American Isostatic Presses, Inc.

VACUUM AND SINTERING SYSTEMS

American Isostatic Presses, Inc. manufactures custom designed vacuum and pressure sintering systems for customers with requirements that aren't met by typical systems. Especially in SinterHIP of ceramics and carbides, where higher temperatures combined with pressure is needed, AIP excels in building reliable furnaces. AIP systems are vertical, which allows much better gradient control versus horizontal systems when pressure is applied. Economical, safe, reliable, and capable. When you combine advanced computer control, superior furnace design, simple operation, and AIP support you have a combination that can not be rivaled.



AIP4-6-VSF



AIP16-48-1.5SH



AIP28-60-1.5SH

Top left: Research vacuum furnace, 2200 C, 4" x 6" hot zone.

Above: Pilot SinterHIP system, 2200 C, 1500 psi, 10" x 20" hot zone.

Left: Production SinterHIP, 2200 C, 1500 psi, 20" x 36" hot zone.

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