LACO TECHNOLOGIES

HIGH VACUUM CHAMBERS

Because an effective high vacuum chamber is the essential building block of any vacuum system, we offer an unparalleled range of high vacuum chambers with designs to match your vacuum requirements. With both standard models and custom systems available, our applications engineers will ensure that your chamber, its options, and accessories work together for optimal performance in your application.

STANDARD CHAMBER SPECIFICATIONS			
	SERIES VH	**SERIES HH**	**SERIES CH**
			
CONFIGURATION	Vertical cylindrical, top loading	Horizontal cylindrical	Cube or Rectangular
BODY MATERIAL	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
LID/DOOR MATERIAL	304 Stainless Steel	304 Stainless Steel	304 Stainless Steel
VACUUM	10^{-6} Torr	10^{-6} Torr	10^{-6} Torr
SIZE RANGE	Dia: 8" - 24" Ht: 10" - 24"	Dia: 12" - 48" Ht: 18" - 60"	12", 20", 24", 36", 40", 48" cube

All chambers are available with custom ports including NW, ISO, CF and ANSI ports.

CHAMBER OPTIONS

- Customize chamber dimensions and ports
- Electrical feedthroughs
- Thermocouple feedthroughs
- Internally heated platens
- Viewports
- Shelf brackets and trays
- Overpressure designs to 15 psig
- Electropolishing or #4 Grade mechanical polishing
- Alternate materials including 316 Stainless Steel
- Cooling channels

ACCESSORIES

LACO offers a full range of accessories to customize your vacuum chamber

- Vacuum Controllers
- Vacuum Gauges
- Valves
- Bake-out Heaters
- Turbo and Roughing Vacuum Pumps
- Carts & Stands
- Mixers
- Lighting
- Heating & Cooling Thermal Systems
- Traps

APPLICATIONS

- Plasma Processing and Research
- Thin Film Coating
- Atmospheric and Space Simulation
- Gas and Materials Analysis
- Materials Research and Processing
- Vacuum Metallurgy and Joining Techniques
- Environmental Testing
- Lab Applications

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