

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.


CHAMBER OPTIONS

- Custom sizes
- Electrical feedthroughs
- Thermocouple feedthroughs
- Internally heated platens
- Viewports
- Shelf brackets and trays
- Cooling channels
- Up to 15 psig overpressure designs
- Electropolishing or #4 grade mechanical polishing
- Alternate materials including 316 stainless steel

ACCESSORIES

- Vacuum controllers
- Vacuum gauges
- Valves
- Bake-out heaters
- Turbo and roughing Vacuum pumps
- Carts & stands
- Mixers
- Lighting
- Heating & cooling Thermal systems
- Traps

STANDARD CHAMBER SPECIFICATIONS

	SERIES VH	SERIES HH	SERIES CH
IMAGE			
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 in (20 - 61 cm) H: 10 - 24 in (25.5 - 61 cm)	DIA: 12 - 48 in (20 - 122 cm) L: 18 - 60 in (46 - 152.5 cm)	12, 20, 24, 36, 40, 48 in cube (20, 51, 61, 91.5, 101.5, 122 cm)

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

APPLICATIONS

- Plasma processing & research
- Thin film coating
- Atmospheric & space simulation
- Materials research & processing
- Vacuum metallurgy & joining techniques
- Environmental testing
- Lab applications
- Gas & materials analysis



MORE INFO