

LACO TECHNOLOGIES

CLEAR VACUUM CHAMBERS

LACO's Clear Vacuum Chambers are ideal for applications requiring a 360° view. 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.

FEATURES

- Helium leak testing of every chamber with leak rates guaranteed to less than 10^{-8} atm-cc/sec.
- Certificate of Conformance to verify chamber is capable of full vacuum with a reported helium leak rate
- Designs that include ports that will not crack or leak over time
- FEA analysis on every chamber to guarantee chamber is structurally sound for full vacuum

CHAMBER OPTIONS

- Custom sizes
- Additional ports
- Hinged or clamped Lid
- Shelf brackets and shelves
- Feedthroughs:
 - Liquid dip tube
 - Electrical
 - Thermocouple

ACCESSORIES

- Vacuum controllers
- Vacuum pumps
- Vacuum gauges
- Valves
- Production cart
- Countertop baseplate
- Internal mixers
- Intel traps

STANDARD CHAMBER SPECIFICATIONS

	SERIES VC	SERIES HC	SERIES CC
IMAGE			
CONFIGURATION	Vertical cylindrical, top loading	Horizontal cylindrical	Cube, top or side loading
MATERIAL	Clear Acrylic	Clear Acrylic	Clear Acrylic
LID/DOOR	Removable or hinged	Hinged	Removable or hinged
VACUUM	0.1 Torr, 29.9 inHg	0.1 Torr, 29.9 inHg	0.1 Torr, 29.9 inHg
SIZE RANGE	Dia: 8", 12", 18" Ht: 12", 18"	Dia: 12", 18" Ht: 12", 18"	12", 20" cube

Standard chambers include three ports (vacuum, vent, and gauge), two ball valves and 0-30" dial vacuum gauge. All vacuum chambers are helium leak tested for quality assurance. Custom chambers are available to match your application specifications.

APPLICATIONS

- Bubble leak testing
- Vacuum degassing
- Vacuum drying
- Atmospheric simulation
- Vacuum impregnation
- Vacuum encapsulation
- Vacuum storage
- Product testing
- Vacuum sealing
- Vacuum metal & joining
- Lab applications

