

LACO TECHNOLOGIES

PACKAGE TESTING SYSTEMS

STANDARD TABLETOP AND CART SYSTEMS

Prevent spills, avoid contamination, and ensure product integrity with LACO's standard Package Testing Systems. Designed to meet ASTM* test standards, our systems give you powerful leak testing with the convenience of a standard system configuration. Utilizing the bubble leak test method, LACO Package Testing Systems test for packaging material compatibility, sealing machine setup, and product contamination.

FEATURES

- Convenient tabletop or mobile cart system designs
- Durable clear acrylic chamber for full visibility of bubble leak test
- Hinged lid on cart models for convenient loading and unloading of product
- Chamber sizes range from 8" to 24" in diameter and heights from 12" to 24"

BENEFITS

- Avoid product contamination and recalls
- Test products with electric dry vacuum pumps – no need for compressed air
- Standard system design for quick turnaround and delivery
- Pre-configured to meet ASTM* standards
- Manual vacuum regulator for easy vacuum level adjustments



VPT-0812	VPT-1218	VPT-1820	VPT-2418	VPT-2424
Tabletop	Tabletop	Mobile cart	Mobile cart	Mobile cart
7.5" DIA x 12" H (inside)	11.5" DIA x 18" H (inside)	17" DIA x 20" H (inside)	23" DIA x 18" H (inside)	23" DIA x 24" H (inside)
Volume: 530 in ³	Volume: 1,870 in ³	Volume: 4,540 in ³	Volume: 7,478 in ³	Volume: 9,971 in ³

OPTIONS

- Vacuum gauge calibration certificate for digital gauge
- Digital torr vacuum gauge
- 220V system configuration

*MEETS ASTM TEST STANDARDS

- ASTM D3078-02(2013)
Determination of Leaks in Flexible Packaging by Bubble Emission
- ASTM D4991-07
Leakage Testing of Empty Rigid Containers by Vacuum Method

PACKAGE TESTING SYSTEM SPECIFICATIONS

	VPT-0812	VPT-1218	VPT-1820	VPT-2418	VPT-2424
SYSTEM					
CONFIGURATION	Tabletop	Tabletop	Mobile cart	Mobile cart	Mobile cart
BASE	15" W x 16" L powder coated metal	18" W x 24" L powder coated metal	Aluminum frame with (2) swivel and (2) locking casters		
CHAMBER SPECIFICATIONS					
SERIES	Series VC vertical clear vacuum chamber				
MATERIAL	Clear acrylic				
DIMS (INSIDE)	7.5" DIA x 12" H	11.5" DIA x 18" H	17" DIA x 20" H	23" DIA x 18" H	23" DIA x 24" H
LID	Removable 1" thick lid with Buna O-ring seal		Hinged 1.5" thick lid with (2) clamps, lifting handle, and Buna L-gasket	Hinged 2" thick lid with (2) clamps, lifting handle and EPDM U-gasket	
VACUUM RATING	Rated for full vacuum Helium leak tested for quality assurance				
VOLUME	530 in ³	1,870 in ³	4,540 in ³	7,478 in ³	9,971 in ³
CHAMBER PORTS					
DRAIN PORT	N/A	1/2" NPT with manual valve			
GAUGE PORT	1/4" NPT with 0-30 inHg vacuum gauge				
VACUUM PORT	1/2" NPT with manual valve				
VENT PORT	1/4" NPT with manual ball valve and muffler		1/2" NPT with manual ball valve and muffler		
PUMPING PACKAGE SPECIFICATIONS					
MODEL	UN-100VH Dry Vacuum Pump		UN-250VH Dry Vacuum Pump		
MAX. VACUUM	28.9 inHg / 25 Torr		29.3 inHg / 15 Torr		
MAX. FLOW	23 L/min / .81 CFM		125 L/min / 3.5 CFM		
INLET PORT	1/4" Barb		1/4" NPT		
VOLTAGE	120V / 60Hz		120V / 60Hz		
HORSE POWER	1/5 HP		1/2 HP		
DIMENSIONS	26.7 x 11.3 x 15.0 cm (10.5 x 4.5 x 5.9 in)		34.0 x 18.7 x 30.5 cm (13.4 x 7.4 x 12.0 in)		
WEIGHT	5.2 kg (11.5 lbs)		13 kg (28.7 lbs)		