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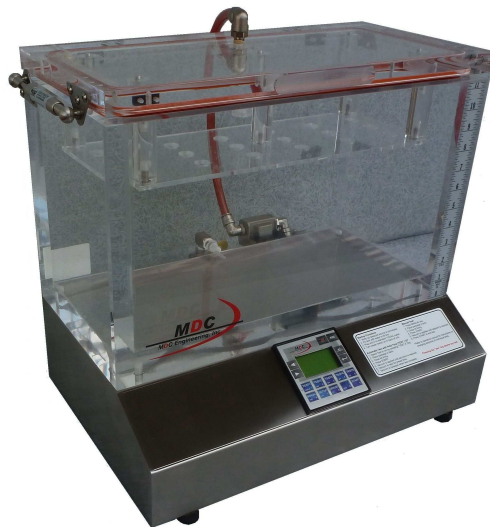
SUREVAC AUTO

Technical Specification

VACUUM LEAK TESTER

Bubble Emission Method

For leak testing of rigid and flexible packaging, bottles and vials.



Model SVA-17-07-07 (shown)

USES

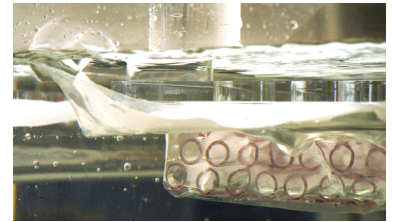
- Leak Detection to 50 microns
- Altitude Simulation
- Seal Integrity
- Package Development

DESCRIPTION

The **SureVac Auto** bubble emission leak tester can be used to test for leaks in flexible or rigid packaging containing a headspace. Several models are available with various tank sizes and vacuum capabilities and custom designed software to meet the needs of your application.

FEATURES

- Automatic and manual modes
- Real-time, digital display of vacuum level
- Automatic pull-down to preset level
- Programmable ramp up, ramp down and hold time
- Up to 5 user-configurable tests
- High impact vacuum chamber
- Fully validatable
- Package hold down
- Auto float valve
- Manual drain
- Fill level gradient
- Vacuum transducer
- NIST traceable calibration
- Rugged construction



Select model based on your testing requirements and product size. Consult factory for recommendations.

SUREVAC MODEL		TANK INTERNAL (usable)			OVERALL UNIT						
Venturi	High Vacuum Unit (Pump Required)	W	D	H	W	D	H	Wall Thick.	Weight (lbs)	Gal.	Filled (lbs)
SVA-17-07-07*	SVA-HV-17-07-07	17.5	7.5	6.9	21.9	17.2	19.6	1.25	80	3.8	112
SVA-20-16-08	SVA-HV-20-16-08	20.0	16.0	8.0	25.4	26.0	20.3	1.50	100	5.3	214
SVA-24-10-07	SVA-HV-24-10-07	24.0	10.0	6.6	28.5	20.0	20.3	1.25	102	6.6	155
SVA-27-08-04	SVA-HV-27-08-04	27.0	8.0	4.4	31.4	17.2	17.4	1.25	76	4.1	110
SVA-36-20-07	SVA-HV-36-20-07	36.0	20.0	7.0	41.6	29.7	20.3	1.50	291	20.6	473
Custom Tank Sizes Available	Consult Factory										

*stock to 2 weeks



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GENERAL TECHNICAL SPECIFICATIONS*				
TESTING Leak tests: ASTM Standards: Vacuum range**: Measurement Accuracy: Resolution: Modes: Calibration: Standards: CONTROLLER Control: HMI display: Communication: Real-time clock:	Vacuum Leak Test by Bubble Emission D-6653, D-3078, D-4991 (depending on configuration) 0-24" Hg Venturi model 0-29" Hg High Vacuum Units (**T = 68°F, RH = 0%, Alt = 0 FT) +/- 0.5% full scale (depends on calibration limits) Min 0.1" Hg Selectable Auto or Manual Certifiable (NIST) Meets or exceeds NIST, ASTM, FDA, GMP		UTILITIES Venturi Models Air Source: Power Source: HV Models Air Source: Power Source: ENVIRONMENT Temp range: Relative Humidity: Mounting: CONSTRUCTION Tank: Base: Hardware:	90 PSI, 7 SCFM 100-240VAC, ~0.5A, 50-60 Hz 90 PSI, 1 SCFM See vacuum pump selection. 32-122°F (0-50°C) 10% to 95% (non-condensing) Level surface or desktop Acrylic 300 Series Stainless Steel Anodized Aluminum and Stainless Steel

*(subject to change without notice)

VACUUM PUMPS FOR SVA-HV UNITS				
Pump No.	Description	CFM	HP	SureVac Power
A02541	Vacuum Pump, Medium Flow, 29" Max Vacuum at SureVac, Complete assembly, includes vacuum filter.	2.6	0.2	208-220 VAC, single phase, 60 Hz
A02542		2.6	0.2	115 VAC, single phase, 60 Hz
A02543	Vacuum Pump, High Flow, 29" Max Vacuum at SureVac, Complete assembly, includes vacuum filter.	8.5	0.75	208/230/460 VAC, 3 phase, 60 Hz
A02544		8.5	0.75	115 VAC, single phase, 60 Hz

SUREVAC OPTIONS (Venturi and HV)		
Part No.	Option	Description
A02548	Calibration Gauge Kit, NIST Certified	NIST certified vacuum gauge for calibration of SureVac leak testers. Includes fittings and NIST traceable certificate.
A02549	Vacuum Package Test Kit	Needle assembly required for testing vacuum packages or packages with minimal air space in SureVac leak testers.
A02539	Reject Pushbutton	Handheld pushbutton for recording failure vacuum level. Includes 6 ft lead with mating plug.
DAQ	Data Acquisition Software	Data acquisition software captures operator recorded failure vacuum level, test ID, date and time stamp. Reject pushbutton option required.
Validation	Validation Document	Validation document. IQ, OQ and PQ of SureVac unit.
P07958	Cleaning Solution	Cleaning solution for the care of SureVac acrylic tanks.
A01089	Moisture Separator with Auto Shut Off	Wall mounted, 1.5 gallon moisture separator with level switch for auto shut off. Protects vacuum pump from water intrusion.