



Leak Detector
for packages
and containers

CDV FS SVVI



PRESENTATION

CDV FS SVVI will allow you to conduct the leak detection tests necessary to comply with sanitary and quality requirements of the food, cosmetic and or pharmaceutical industry.

They are equipped with a system controlled by a digital display that allows vacuum level to be set and two buttons that control start and stop of the test.

These models include a Venturi system that requires a compressed air supply available in the testing area in order to function. If an airline is not available, our electric vacuum pump models are the suited alternative.

They include their own base with wheels.



How does it work?

The test starts when user presses **START** button and the pressure regulator activates the vacuum generator until desired vacuum level is reached. This level will be maintained automatically until user presses **STOP** button, and this is when vacuum is released.

The user must observe the simple in the chamber during test. In immersion testing, bubbles will be sought seeping from any leak spot.

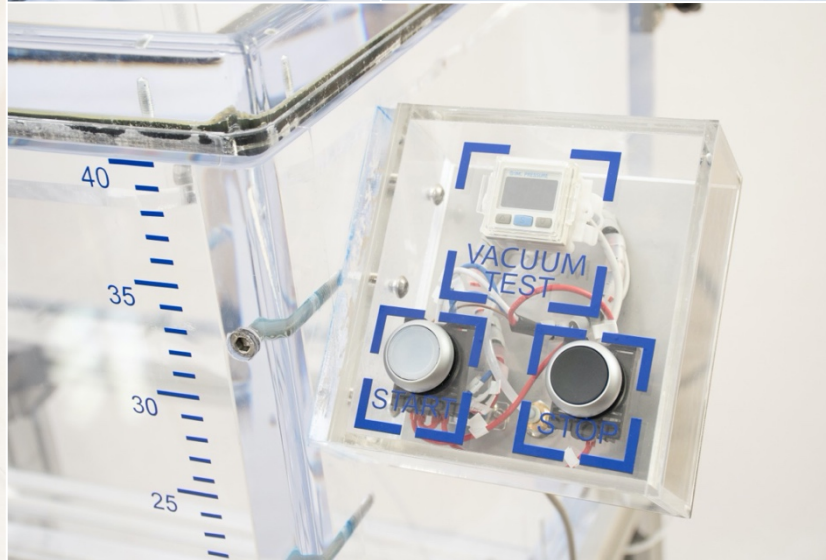
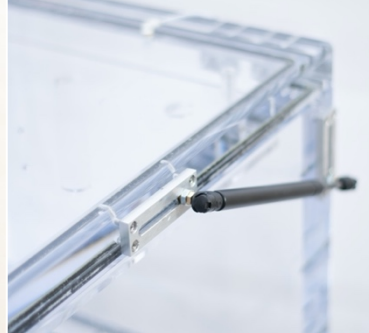
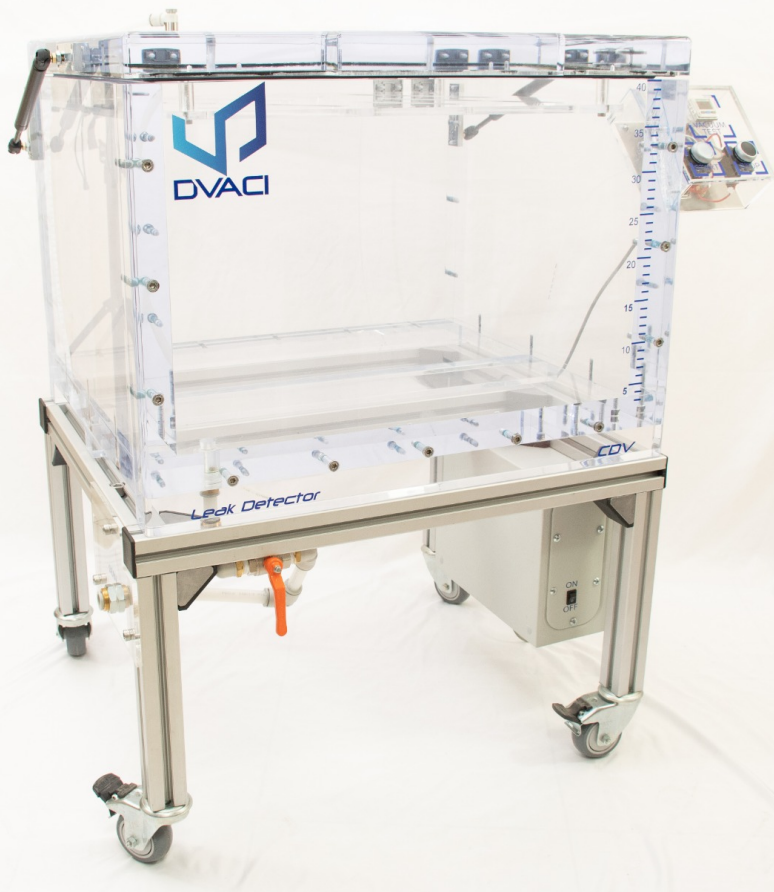
In a dry test, a leak may be detected when liquid spills or drops leak out of the sample.

2 sizes

Model	Interior Dimensions (mm) (LxWxH)	Interior Dimensions (in) (LxWxH)	Total Dimensions (mm) (LxWxH)	Total Dimensions (in) (LxWxH)	Aprox. Weight (kg)	Maximum Vacuum (-Mbar)
CDV5 SVVI	600 x 500 x 400	24" x 20" x 16"	690 x 780 x 890	27" x 31" x 35"	90	750
CDV6 SVVI	800 x 600 x 500	31" x 24" x 20"	890 x 880 x 990	35" x 35" x 39"	150	700

Benefits

- Components from internationally renowned brands
- Manufactured with modules for easy maintenance
- Control system under the chamber (space saver)
- Drain system under for tests in immersion
- Lid designed for risk-free, easy access (With cylinder lift and hinges)
- Sensor-free lid (Avoids collision between sensors)
- Adjustable height feet (increases stability by leveling)
- Rounded edges
- Base with wheels
- Graduated ruler (allows defining level of water for immersion tests)
- Available needle kit option for vacuum packed goods
- For all types of packages and containers



TECHNICAL FEATURES

Model	CDV FS SVVI
Principle of Test	Visual
Available measure units	InHg, mmHg, PSI, bar, Kgf/cm, Pa
Sensor	Sensor digital de 0 a -1bar
Warranty	1-year renewable warranty
Vacuum generator	Venturi (Electric vacuum pump option)
Necessary compressed airline (Venturi)	From 4 to 5 bar
Vacuum control	Automatic
Material	PMMA (Polymethyl methacrylate)
Voltage	110 Vac, 220 Vac
Connections	Connection port for hose 8 Ø for compressed airline. Connection port for hose 12 Ø for water supply and drain.
NORMS	ASTM D3078, ASTM D6653, ASTM D4991, ASTM D5094, ASTM D4169, ASTM F2096.

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A simple, repeatable and reliable method to ensure seal integrity of your packages and containers, the CDV BT SVVI chamber makes detection of even the smallest leaks a possibility.



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