



Leak detector
for packages
and containers

CDV FS AVVI

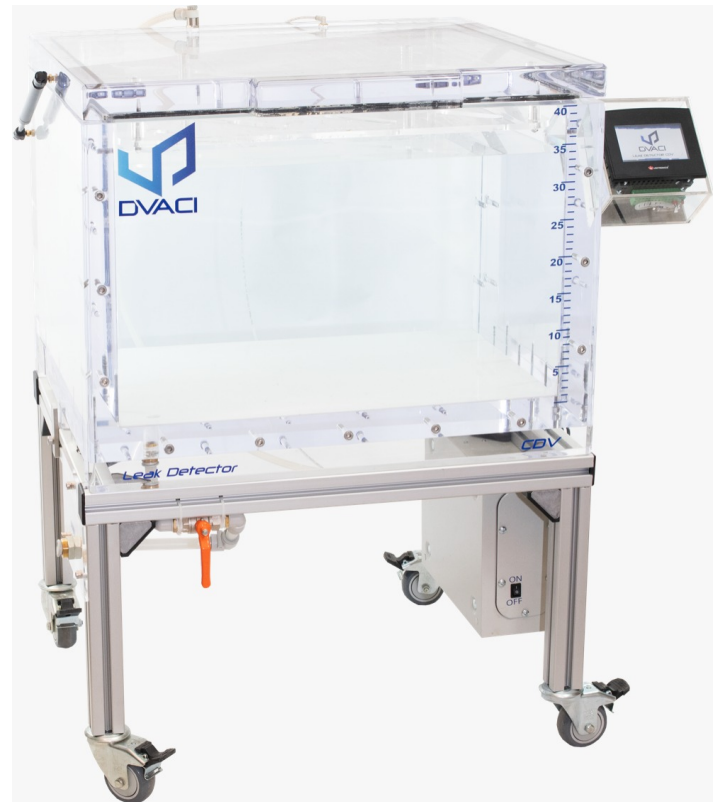


PRESENTATION

CDV FS AVVI vacuum chambers have a touch-screen setup system where test cycles can be programmed instantly. The operator places products inside the chamber starts the cycle and can be focused on observing the samples during the test cycle.

Vacuum is generated by a Venturi system integrated in the chamber fed by a compressed air supply. If this energy source is not available, another version of this model includes an electric vacuum pump.

The vacuum creates a difference in pressure between the inside and outside of the specimen or sample. During an immersion test, bubbles are visible emanating from a leak, while doing a dry test, a liquid spill or drops will be visible in a case of a leak.



AUTOMATIC

CDV FS AVVI vacuum chambers include a touchscreen that automatically controls desired vacuum level during a test and also testing time. Access is protected with personal passwords for each user (up to 15 users). It has two testing modes:

Quick Test: As its name describes it, a quick test where the user sets vacuum level and time and starts the test on the spot.

Programmable Recipes: Up to 16 recipes can be set. Each recipe can be set with a personalized name, vacuum level and testing time. The user needs only to click on the name of the product and the chamber will start the programmed test cycle.

2 Available 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 AVVI	600 x 500 x 400	24" x 20" x 16"	690 x 780 x 890	27" x 31" x 35"	90	750
CDV6 AVVI	800 x 600 x 500	31" x 24" x 20"	890 x 880 x 990	35" x 35" x 39"	150	700

Benefits

- Modern, ergonomic and compact design
- Intuitive and easy operation
- Touchscreen (Protected access, programmable recipes)
- 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)
- Base with wheels
- Rounded edges
- Graduated ruler (allows defining level of water for immersion tests)
- Available needle kit option for vacuum packed goods
- Optional printing of tickets (optional printer)



TECHNICAL FEATURES

Model	CDV FS AVVI
Principle of test	Visual
Available measure units	InHg, mmHg, mbar
Sensor	Digital sensor from 0 to -1 bar
Warranty	1-year renewable warranty
Vacuum generator	Venturi (Electric vacuum pump option)
Necessary compressed airline (Venturi)	From 4 to 5 bar
Vacuum and time control	Automatic
Material	PMMA (Polymethyl methacrylate)
Voltage	110 Vac, 220 Vac
Connections	Connection port for hose 8 \varnothing for compressed airline. Connection port for hose 12 \varnothing 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 FS AVVI chamber makes detection of even the smallest leaks a possibility.



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