

LD one

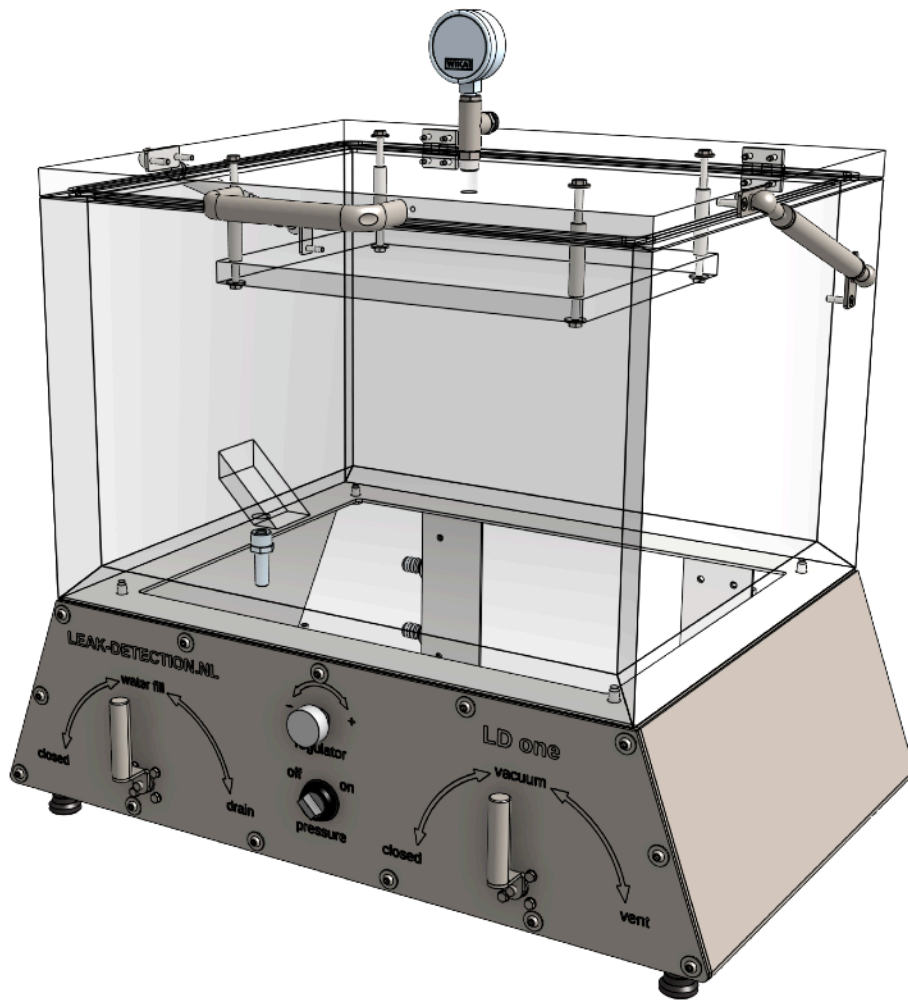
LEAK DETECTOR

a product by



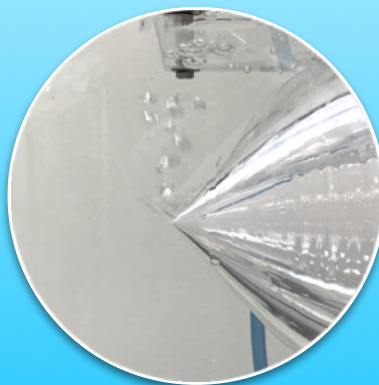
Inventive Solutions

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DESIGNED AND MADE IN
THE NETHERLANDS

- Stainless steel construction, hygienic design
- Rugged build quality
- Easy to operate control panel
- Suitable for large range in packaging dimensions
- SMC pneumatic components
- Up to -0.85 bar / 150mbar within 30 seconds
- Integrated water supply and drain
- Supplied with calculation module for interpretation of results



LEAK-DETECTION.NL

LD one

LEAK DETECTOR

The LD one leak tester is an essential tool for quality control of your packaging process. The machine uses the bubble test method to visually determine where or if a package is leaking.

The LD one can be used in different ways. As a leak tester, after filling the tank with water and checking for air bubbles when the package is exposed to under-pressure. The desired vacuum level can be accurately set by means of the regulator (+/-50mbar). The machine can also be used without water for pressure tests for packages. For example altitude simulation for packages that are transported by airplane. In this case packages are being tested for a certain time exposed to a specific vacuum before breaking.

The LD one is a ruggedized leak tester, developed with easy of use, ergonomics, safety and hygiene in mind. The acrylic tank has a wall thickness of 30mm and is supported by a stainless steel frame. By means of the central intuitive operating panel, the water supply and drain, the air regulation and of course the vacuum regulation is controlled. Connections for water supply and drain are made with standard industrial Gardena couplings. The lid is easy to operate thanks to 2 stainless steel gas springs. The vacuum is created efficiently through a Venturi effect by using compressed air. By doing so the machine does not need an electrical connection.

The LD one is supplied with a calculation module for interpretation of detected leaks. It also comes with an adapter set to test vacuum packages.

Standard machine version

- ✔ Suitable for testing atmospheric packages
- ✔ Stainless steel construction, hygienic design
- ✔ Rugged build quality
- ✔ Intuitive operating panel
- ✔ One size for all common packages
- ✔ SMC pneumatic components
- ✔ Fully constructed with stainless steel parts
- ✔ Logic connections for air and water
- ✔ 2 stainless steel gas springs to support lid
- ✔ Adapter set to test vacuum packages
- ✔ Calculation module for interpretation of results

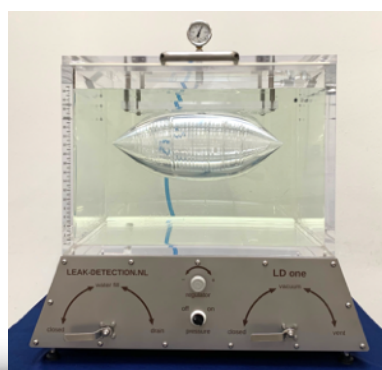
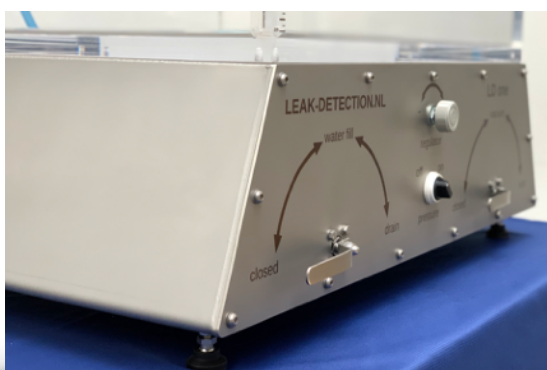
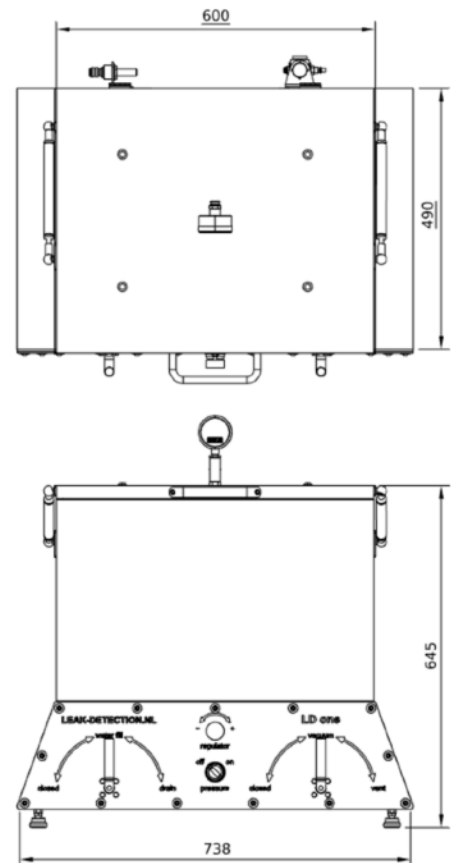
Technical specifications LD one

- ✔ Compressed air 6 bar (min.4 bar)
- ✔ Consumption max. 126 l/min
- ✔ Weight 77 kg
- ✔ Dimensions 585 x 750 x 650 mm
- ✔ Tank volume 70 liters
- ✔ Maximum vacuum -0,85bar / 150 mbar

Disclaimer, technical specifications may differ

Options

- ✔ Support frame with adjustable feet (customer specific)
- ✔ Support frame on wheels (customer specific)



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