

PNEUMATIC IMMERSION LEAK TEST CHAMBER CTE-I



**CONVERTIBLE MODEL
AND SCALABLE**

PNEUMATIC IMMERSION LEAK TEST CHAMBER CTE-I

CONVERTIBLE MODEL AND SCALABLE



FUNCTION

It allows to test, by vacuum, the tightness of heat-sealed solid product packaging or seals containing air, such as blisters, sachets, doypack, yogurt, tray and even mechanical assemblies.

The presence of a leak is detected with the appearance of bubbles in the water during depression, and so is precisely localized. A perforated plexiglass plate, called a presser, allows the product to be held in immersion.



USE CASE:

Used in various sectors of activity ranging from the food industry to aeronautics, it is the choice number one for simple immersion tests and meets the requirements of **ASTM D3078**, concerning flexible packaging.

BENEFITS

- Fast, ergonomic and easy to use
- Reliable and economical
- Adapted to the production environment / Robust
- Test on receipt of raw materials, in production, before shipment
- Low maintenance
- Easy and quick maintenance due to the absence of electrical connection
- Safety jacks from a chamber volume chosen
- Many accessories and fittings possible according to the customers need





TECHNICAL INFORMATION

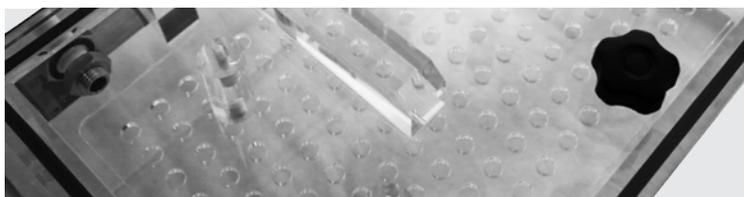
Chamber	Transparent PMMA chamber on hinge
Range of measurement and accuracy	From -0.1 to -0.85 Bar as standard. Accuracy +/- 2%
Useful dimensions	Length (L) x Depth (D) x Height (H) It depends on the size of box.
Reading the depression	Needle pressure gauge 50 mbar resolution
Units	Bar, Psi
Air supply	- On compressed air 7 bar network connected to Rislant® 8mm pipe. (Not included)
Depression adjustment	Regulator with filter
Depression time	Adjustable time device from 0 to 999 s.
Principle of the test	Visual
Temperature	From 0 to 40°C
Standards	ASTM D3078

OPTIONS

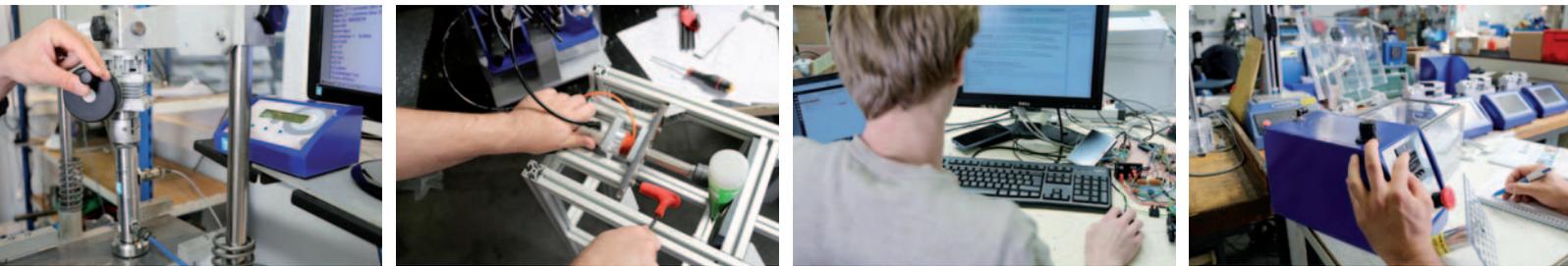
Decrease in depression time (venturi more powerful)
Gas lift
Adjustable time device from 0 to 99 999 seconds
Water drain valve (without tray)
Needle vacuum gauge with a better resolution
Specific arrangement

DELIVERED WITH:

- A calibration certificate LNE/COFRAC



ACRN A GLOBAL OFFER *for your packaging quality controls*



Calibration and annual maintenance

ACRN is equipped with a metrology laboratory.

Setting up tests, choice of materials, state of the art, work on repeatability

we can advise you according to your needs (tecnology, budget, ergonomics).

Leak testing and dynamometric testing

Our skills and equipment for leak testing and dynamometric testing for packaging

Major manufacturers have trusted us for many years

L'ORÉAL
PARIS

