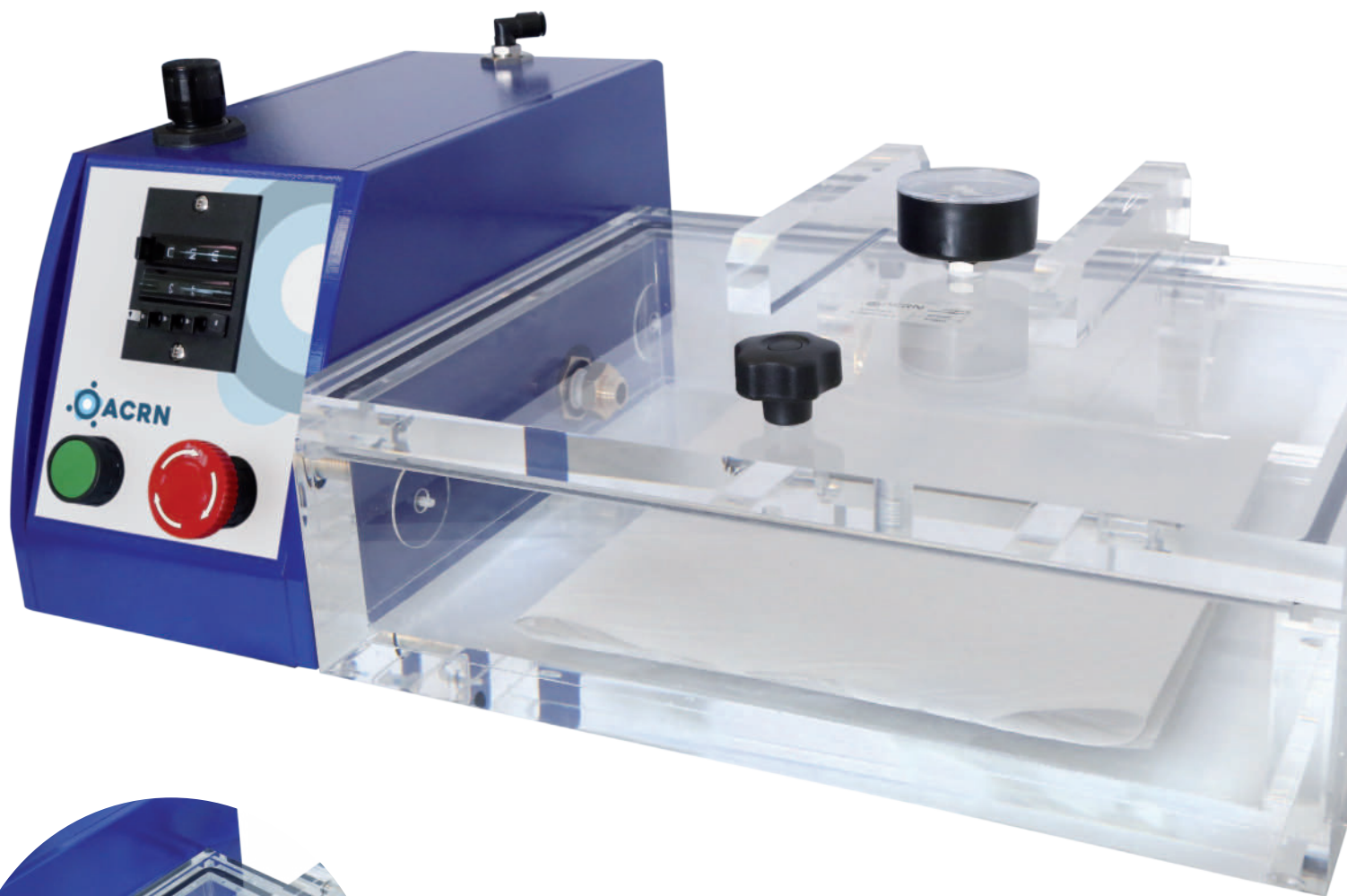




## **PNEUMATIC CHAMBER LEAK TEST CTE**



**ROBUST MODEL  
AND VERSATILE**

# PNEUMATIC CHAMBER LEAK TEST CTE

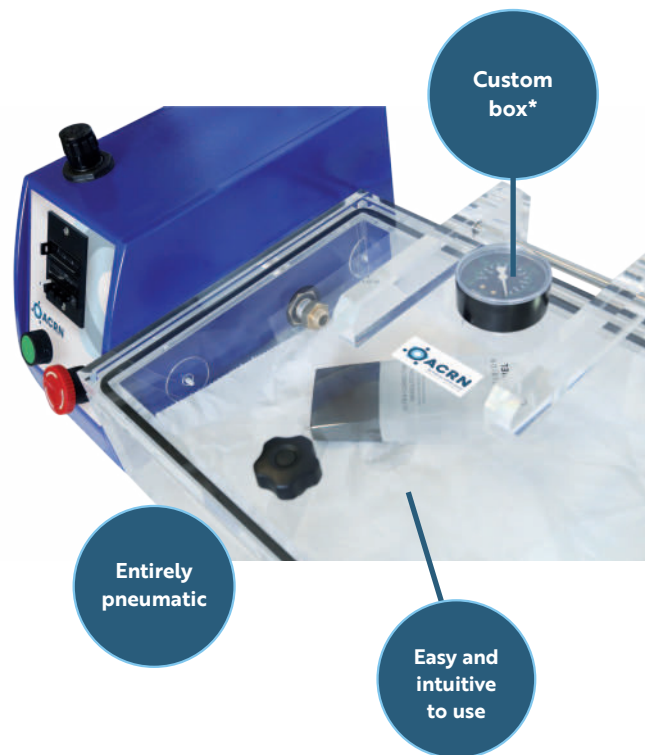
**ROBUST MODEL AND VERSATILE**



## FUNCTION

It is used to **test the tightness** of packaging containing liquid or semi-viscous products, by depression, **directly on the production line** with a total visibility, thanks to its plexiglass design.

Just lay down your sample to **immerse your cap**. The use of blotting paper by example, allows you to see if the product has leaked from the sample during the test.



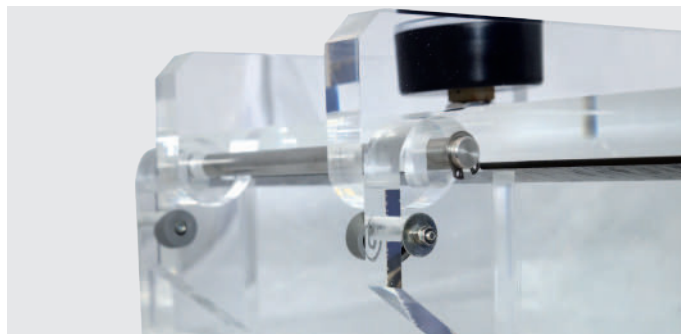
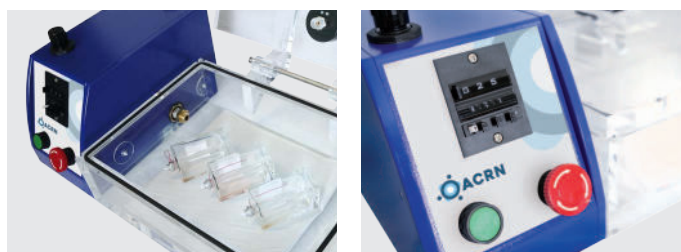
## USE CASE:

It is most often used in edge industries of production line for its simplicity and fully pneumatic operation.

Most often used for vials or bottles, it is also used to remove air bubbles and impurities in the enamel, emulsion, or those present before brazing or welding.

## 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



\*Adapted to customer constraints after validation of the need



## TECHNICAL INFORMATION

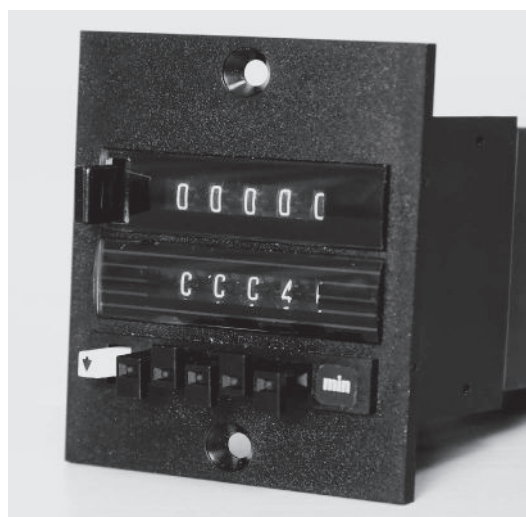
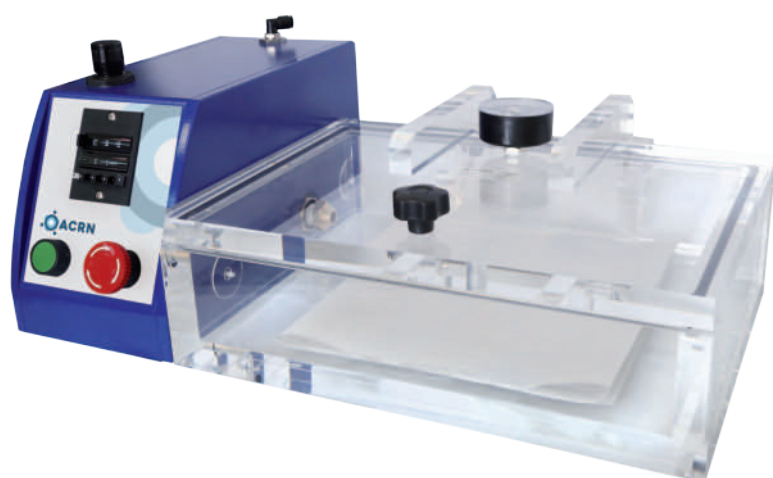
<b>Chamber</b>	Transparent PMMA chamber on hinge
<b>Range of measurement and accuracy</b>	From -0.1 to -0.85 Bar as standard. Accuracy +/- 2%
<b>Useful dimensions</b>	Length (L) x Depth (D) x Height (H) It depends on the size of box.
<b>Reading the depression</b>	Needle pressure gauge 50 mbar resolution
<b>Units</b>	Bar, Psi
<b>Air supply</b>	- On compressed air 7 bar network connected to Rislun® 8mm pipe. (not included)
<b>Depression adjustment</b>	Regulator with filter
<b>Depression time</b>	Adjustable time device from 0 to 999 s.
<b>Principle of the test</b>	Visual
<b>Temperature</b>	From 0 to 40°C
<b>Standards</b>	ASTM D4991, ASTM D5094, ASTM D4169, EN 14401, DIN55528 (Part 1, 2, 3, 4, 5)

## OPTIONS

Decrease in depression time (venturi more powerful)
Air drain valve for easy return to PA.
Gas lift
Adjustable time device from 0 to 99 999 seconds
Needle vacuum gauge with a better resolution

## DELIVERED WITH:

- A calibration certificate LNE/COFRAC



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## 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 (technology, budget, ergonomics).

### Leak testing and dynamometric testing

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

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*Major manufacturers have trusted us for many years*

L'ORÉAL  
PARIS

