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# ACRN

Quality Control Machine  
Industry & Packaging

## ELECTROPNEUMATIC IMMERSION LEAKTIGHTNESS TESTER CTEX-I



**CONVERTIBLE MODEL  
AND SCALABLE**

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CONVERTIBLE MODEL AND SCALABLE



## FUNCTION

It is used to test, **by vacuum, the tightness of the packaging of solid heat-sealed or capped products** dans in packaging containing air, such as blisters, sachets, doypacks, yogurt, trays, etc.

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



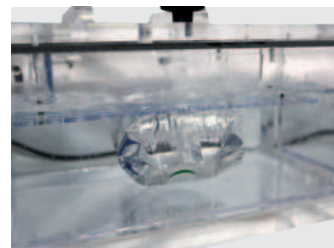
## USE CASE:

Used in various business sectors ranging from the food industry to aeronautics, it is the number 1 choice for simple immersion tests and meets the requirements of **ASTM D3078**, concerning flexible packaging.

The advanced range allows products to be tested non-destructively and thus to avoid losses (eg: beacon waterproofing test containing an electronic card, portable phone waterproofing test, etc.) test étanchéité téléphone portable étanche, etc.)

## BENEFITS

- Fast, ergonomic and easy to use
- Visual reading (appearance of bubbles)
- Reliable and economical
- Adapted to the production environment / Robust
- Test on receipt of raw materials, in production, before shipment
- Pressure sensor in the control box
- Traceability by a printed time-stamped ticket containing the test information or by data export software
- Safety jacks from a defined box volume
- Many accessories and possible arrangements according to the customer's needs



\*Adapted to customer constraints after validation of the need

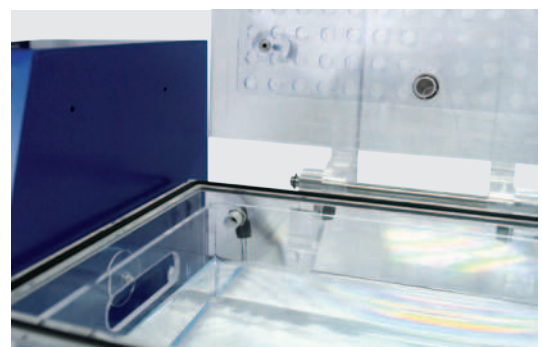


## TECHNICAL INFORMATION

<b>Box</b>	Transparent PMMA box on hinge
<b>Range of measurement and accuracy</b>	From -0.2 to -0.85 Bar as standard. Accuracy +/- 2% Fully controlled by a microprocessor card
<b>Useful dimensions</b>	Length (L) x Depth (D) x Height (H) It depends on the size of box
<b>Reading the depression</b>	Digital display : ergonomic menu with only 3 keys
<b>Units</b>	Bar, Psi
<b>Air supply</b>	- On compressed air 7 bar network connected to Rislun® 8mm pipe Or - Vacuum pump up to -0,920 bar - 220V/ 50Hz
<b>Weight</b>	Depends the box defined
<b>Thickness</b>	20, 25 or 30 mm depending on the RDM study
<b>Depression adjustment</b>	Solenoid valve
<b>Printing</b>	Printer embedded tickets for ticket stamped
<b>Depression time</b>	Adjustable delay from 0 to 4 000 s.
<b>Principle of the test</b>	Visual
<b>Temperature</b>	From 0 to 40°C
<b>Standards</b>	ASTM D3078, ASTM D6653
<b>Programming</b>	8 independent programs (time/ depression) that can be liked together

## OPTIONS

Decrease in depression time (vacuum pump, more powerful venturi)
Model without printer
Software for acquisition data bit by bit towards any PC software
Drain valve for carrying water away
Non-destructive test
Special interior arrangement

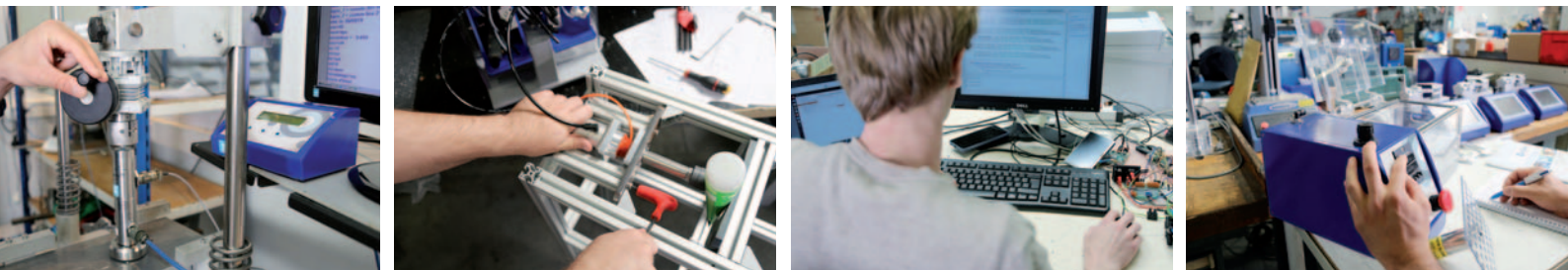


## DELIVERED WITH:

- 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 (tecnology, 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*

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