



## **CTEX ELECTRO-PNEUMATIC LEAK TEST BOX**



**ROBUST AND VERSATILE  
MODEL**

# ELECTRO-PNEUMATIC LEAK TEST BOX CTEX

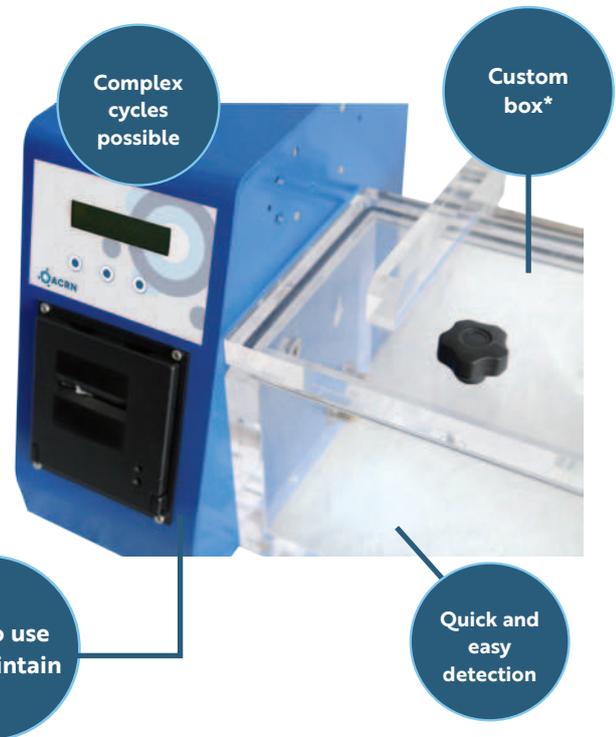
ROBUST AND VERSATILE MODEL



## FUNCTION

It allows to **test the tightness of packaging** containing **liquid or semi-viscous products**, by depression, directly at the edge of the production line with full visibility, thanks to its **plexiglass design**.

Just lay your sample down to **immerse your cap**. Using blotting paper, for example, allows you to see if any product has leaked from the sample during the test.



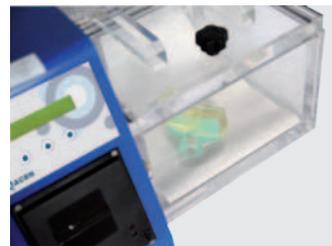
## USE CASE:

In one of these common practices, it is used for altitude tests according to **ASTM D6653**, thanks in particular to these complex cycles allowing to

simulate the pressure conditions during a flight. It is also used to remove air bubbles and impurities from the enamel, emulsion, or those present before soldering or welding.

## BENEFITS:

- Fast, ergonomic and easy to use
- Visual reading
- 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





## TECHNICAL INFORMATIONS

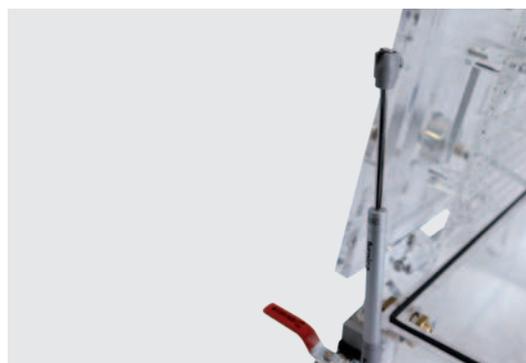
<b>Box</b>	Transparent PMMA box on hinge
<b>Range of measurement and accuracy</b>	From -0.2 to -0.85 Bar as standard. Accuracy +/- 2% Fully controlled by a microprocessor card
<b>Useful dimensions</b>	Length (L) x Depth (D) x Height (H) It depends on the size of box.
<b>Reading the depression</b>	Digital display : ergonomic menu with only 3 keys.
<b>Units</b>	Bar, Psi
<b>Air supply</b>	- On compressed air 7 bar network connected to Rislant® 8mm pipe. Or - Vacuum pump up to -0,920 bar - 220V/ 50Hz
<b>Weight</b>	Depends 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>	IATA, ASTM D6653, ASTM D4991, ASTM D5094, ASTM D4169, EN 14401, DIN55528 (Part 1, 2, 3, 4, 5)
<b>Programming</b>	8 independent programs (time/ depression) that can be linked together

## DELIVERED WITH:

- A calibration certificate LNE/COFRAC

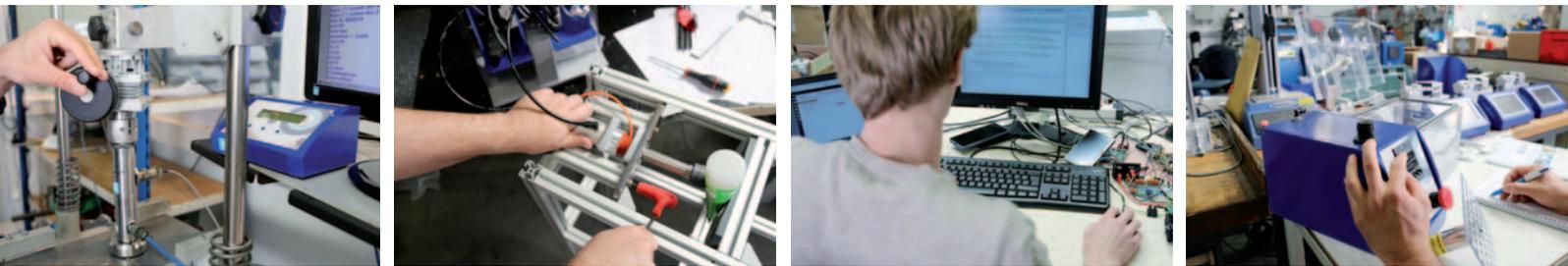
## OPTIONS

Decrease in depression time (vacuum pump, more powerful venturi)
Replacement of the factory compressed air connection system with a vacuum pump (see technical sheet)
Version without printer
Software for acquisition data bit by bit towards any PC software
Air drain valve for easy return to PA.
Pneumatic safety cylinder
Pump model
Custom interior design



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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 equipments for leak testing and dynamometric testing for packaging

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*Major manufacturers have trusted us for many years*

L'ORÉAL  
PARIS

