

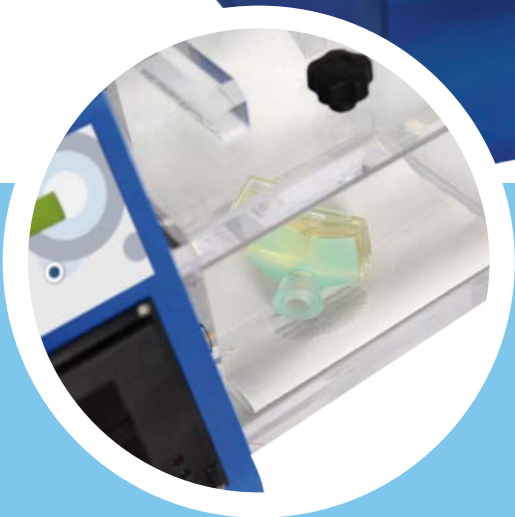


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ACRN

Quality Control Machine
Industry & Packaging

CTEX ELECTRO-PNEUMATIC LEAK TEST BOX



**ROBUST AND VERSATILE
MODEL**

ELECTRO-PNEUMATIC LEAK TEST BOX CTEX

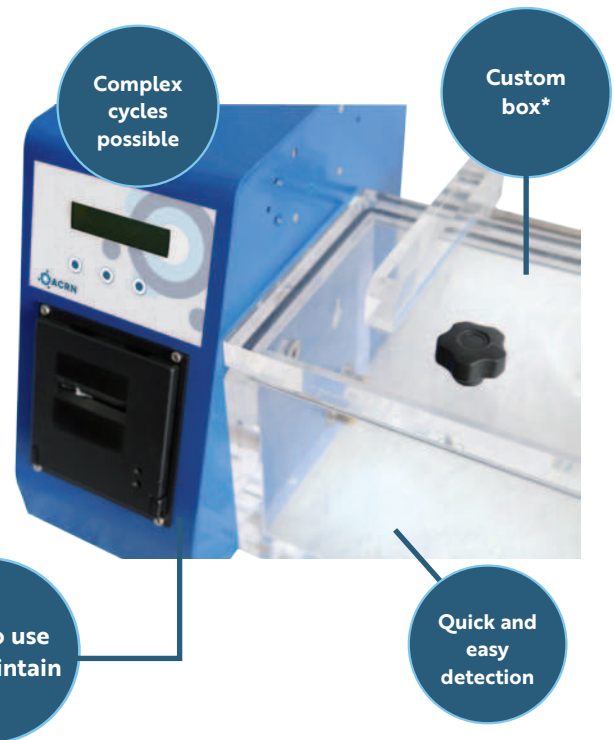
ROBUST AND VERSATILE MODEL



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.



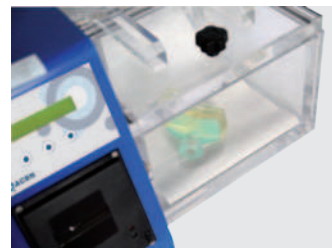
USE CASE:

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

Box	Transparent PMMA box on hinge
Range of measurement and accuracy	From -0.2 to -0.85 Bar as standard. Accuracy +/- 2% Fully controlled by a microprocessor card
Useful dimensions	Length (L) x Depth (D) x Height (H) It depends on the size of box.
Reading the depression	Digital display : ergonomic menu with only 3 keys.
Units	Bar, Psi
Air supply	- On compressed air 7 bar network connected to Rislant® 8mm pipe. Or - Vacuum pump up to -0,920 bar - 220V/ 50Hz
Weight	Depends box defined
thickness	20, 25 or 30 mm depending on the RDM study
Depression adjustment	Solenoid valve
Printing	Printer embedded tickets for ticket stamped
Depression time	Adjustable delay from 0 to 4 000 s.
Principle of the test	Visual
Temperature	From 0 to 40°C
Standards	IATA, ASTM D6653, ASTM D4991, ASTM D5094, ASTM D4169, EN 14401, DIN55528 (Part 1, 2, 3, 4, 5)
Programming	8 independent programs (time/ depression) that can be linked together

DELIVERED WITH:

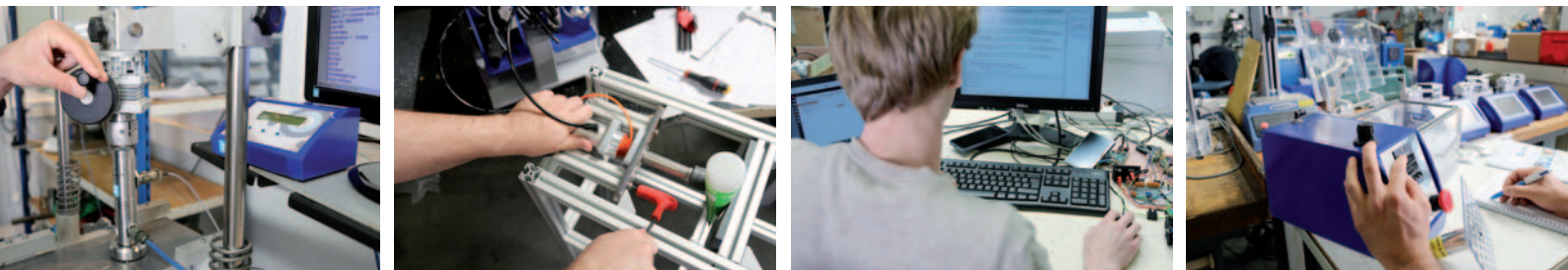
- A calibration certificate LNE/COFRAC

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



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

Major manufacturers have trusted us for many years

L'ORÉAL
PARIS

