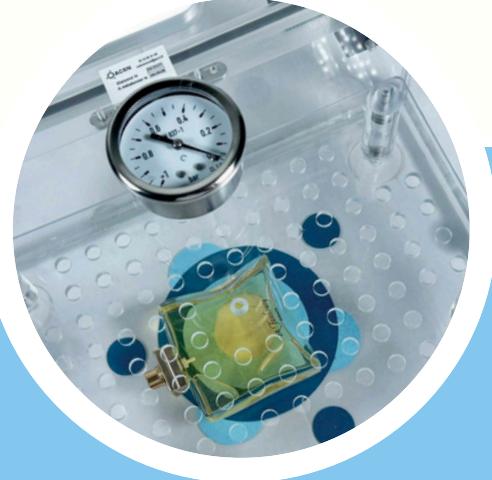
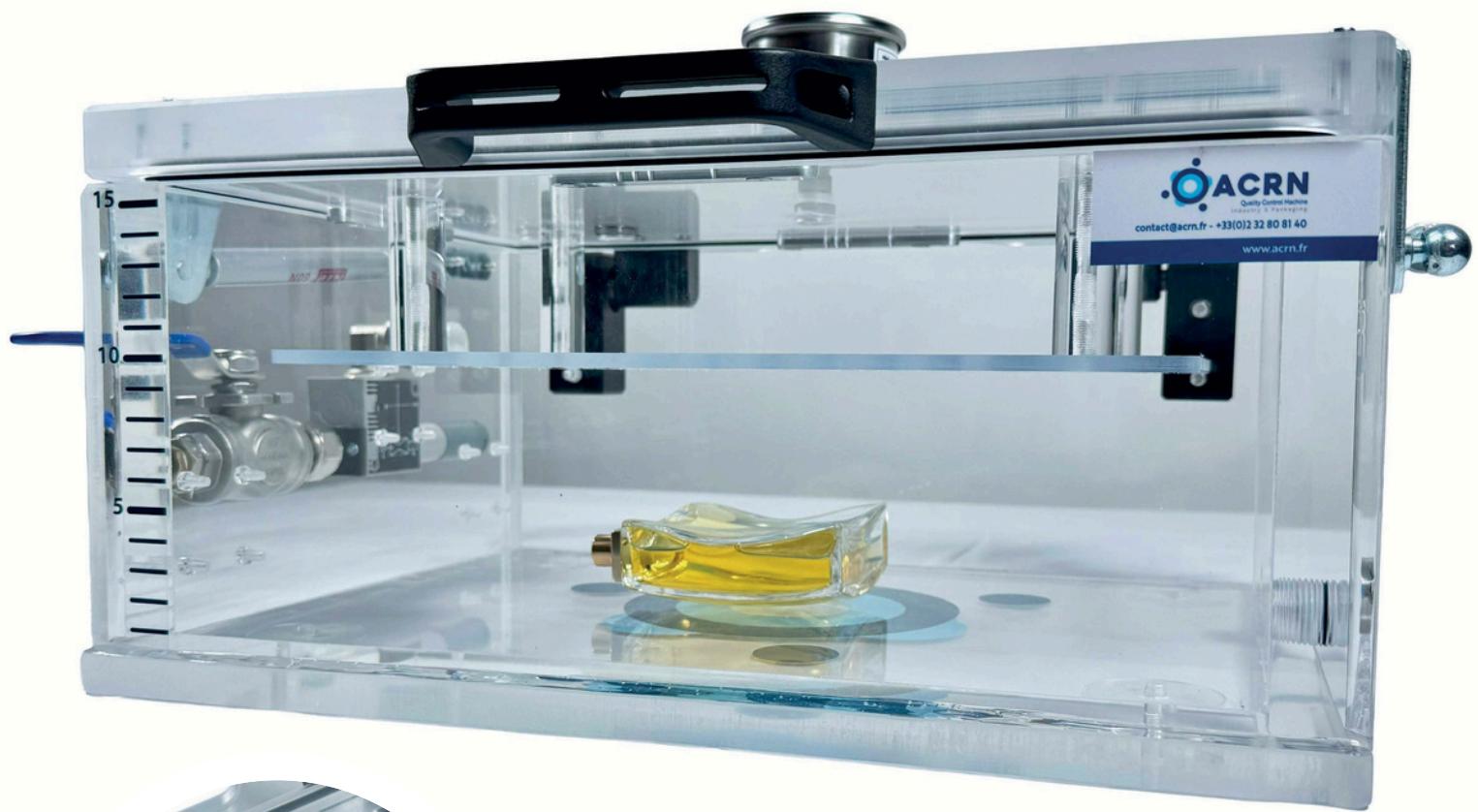


PNEUMATIC VACUUM CHAMBER CTS



THE ELEMENTARY MODEL

PNEUMATIC VACUUM CHAMBER

CTS

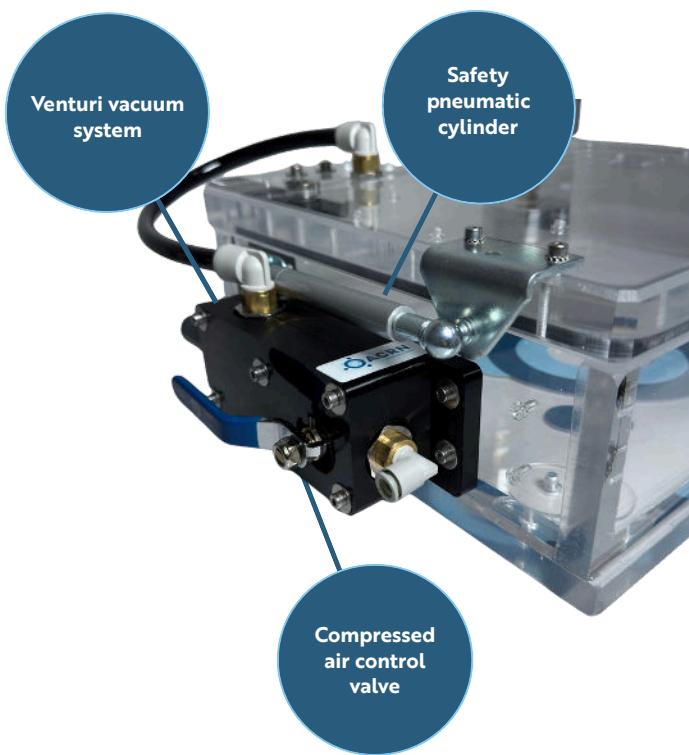
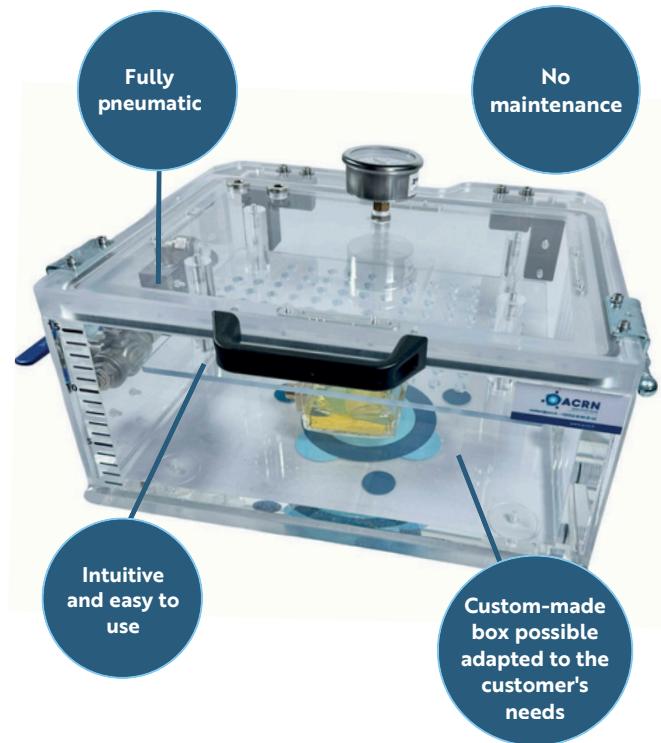
THE ELEMENTARY MODEL

FUNCTION

The CTS, like the CTE, allows the **leak-tightness of industrial packaging** such as bottles, food trays, bags, sealed packaging such as packets of chips, bottles, flasks, yogurts, blister packs, etc. to be tested.

Suitable for production environments, it only has a fully pneumatic system, capable of creating a vacuum, and a compressed air adjustment valve to limit the incoming flow.

In the event that the customer does not have access to the compressed air network or wishes to go down to a higher vacuum, the CTS **can operate with vacuum pumps** that can go down to -920 mbars. (see pump technical sheet).





TECHNICAL INFORMATION

Box	Transparent PMMA box on hinge
Measuring range and accuracy	From -0.1 to -0.85 Bar (relative pressure) as standard. Accuracy +/- 2%
Useful dimensions	Length (W) x Depth (D) x Height (H) Dependent on the size of the box
Reading depression	Needle pressure gauge with 50 mbar resolution
Units	Bar, Psi
Food	- Compressed air from 6 to 8 bars connected by Rislan® 8mm hose down to -0.850 bar (not supplied) - Vacuum pump (Max -920 mbars)
Principle of the test	Visual
Temperature	From 0 to 40°C
Standards	ASTM D4991, ASTM D5094, ASTM D4169, EN 14401, DIN55528 (Part 1, 2, 3, 4, 5)

OPTIONS

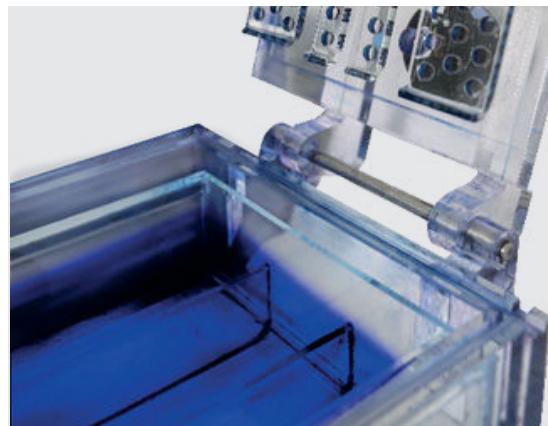
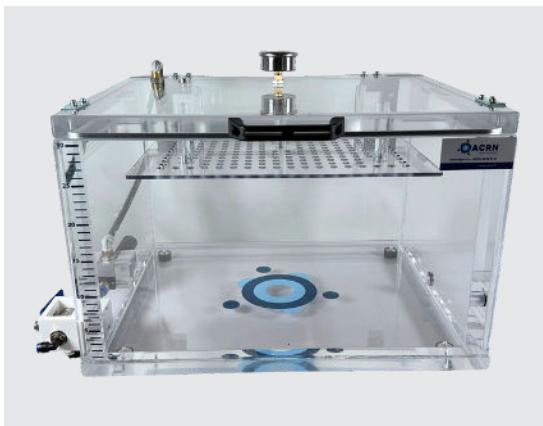
Decreased depression time
Air release valve facilitating return to atmospheric pressure
Gas Cylinder
Needle vacuum gauge with better resolution (see *)

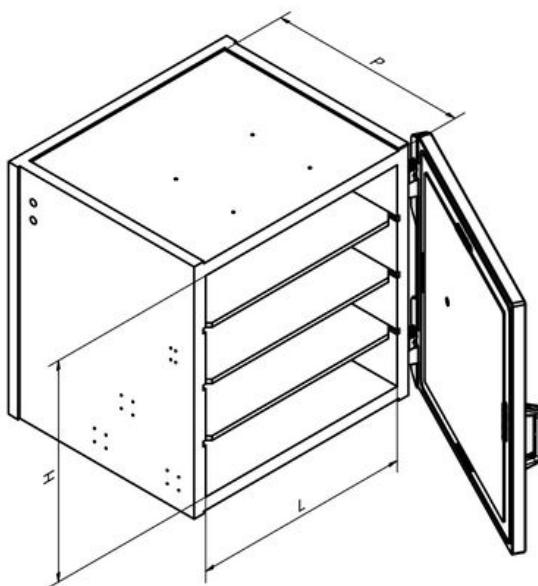
DELIVERED WITH:

A calibration certificate connected to LNE/COFRAC

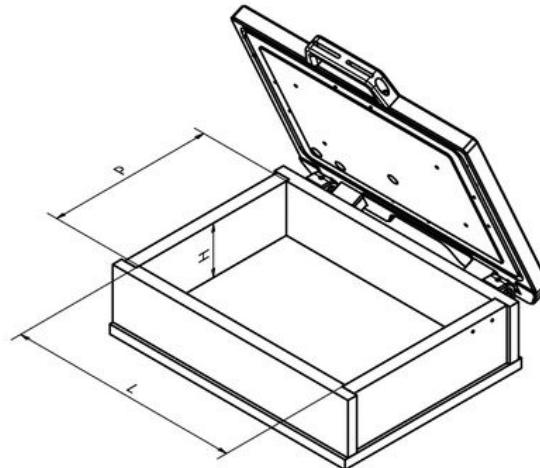
THIS MODEL ALSO EXISTS:

- In water immersion CTS-I
- Immersed in methylene blue CTS-Bi





DOOR BOX



BOX WITH LID

Useful dimensions of the box* (mm)	Name of the model	Box	Cabinet	Immersion model	Cart on request	Raise-lowering assistance cylinder
W300xD300xH400	A1		X		X	
W400xD400xH400	A2		X		X	
W500xD450xH500	A3				X	
W250xD200xH150	C1	X		X		
W350xD250xH80	C2	X				
W350xD250xH150	C3	X		X		
W350xD250xH250	C4	X		X		X
W450xD350xH100	C5	X			X	X
W450xD350xH150	C6	X		X	X	X
W450xD350xH200	C7	X		X	X	X
W450xD350xH300	C8	X		X	X	X
W500xD400xH100	C9	X			X	X
W500xD400xH200	C10	X		X	X	X
W500xD400xH300	C11	X		X	X	X

*Custom sizes possible up to 0.8 m³

We therefore carry out specifics, so for all other box dimensions, contact us at:
commercial@acrn.fr



ACRN A GLOBAL OFFER

for your packaging quality controls



Calibration and annual maintenance

on-site or in-lab services are available. ACRN has a metrology laboratory.

Implementation of tests, choice of materials, state of the art, work on repeatability
we can advise you according to your needs (technology, budget, ergonomics).

Leakage and dynometry test

We provide you with our skills and our equipment for leak testing and dynometry for packaging.

Major manufacturers have trusted us for many years

L'ORÉAL
PARIS

SANOFI



DANONE
ONE PLANET. ONE HEART.



Nestlé

Pierre Fabre



**General
Mills**
Making Food
People Love



CHANEL
MAISON FRANÇAISE