

VACUUM PNEUMATIC CHAMBER CTS



THE ELEMENTARY MODEL

VACUUM PNEUMATIC CHAMBER CTS

THE ELEMENTARY MODEL

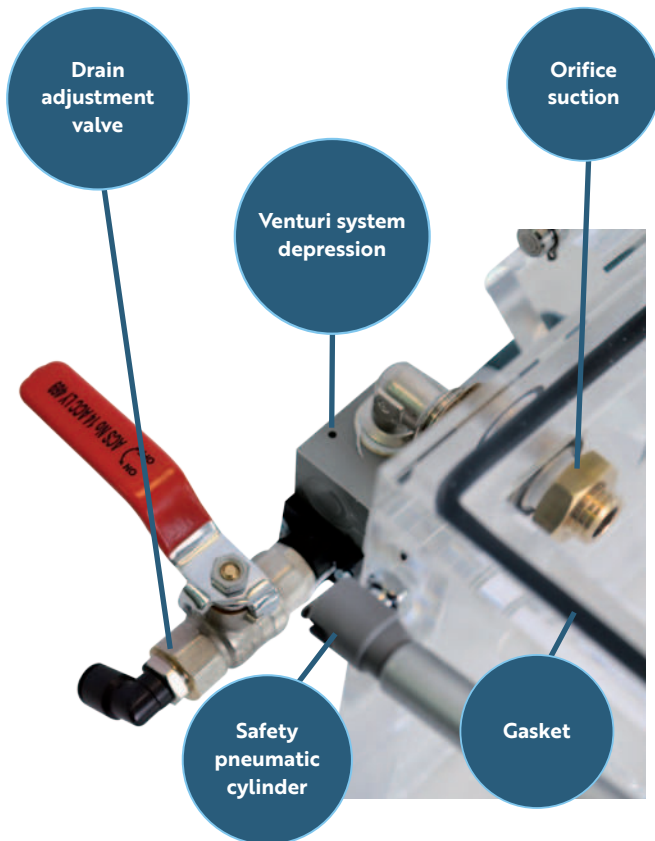
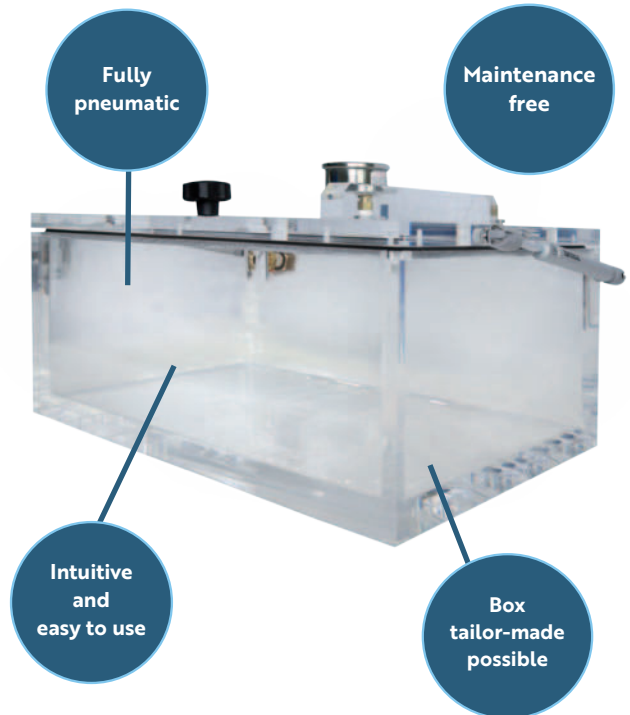


FUNCTION

The CTS allows, like the CTE, **to test** the tightness of industrial packaging such as bottles, food trays, sachets, sealed packaging such as packets of chips, bottles, flasks, yoghurt, blisters, etc.

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

In the event that the customer does not have access to the compressed air network or wishes to descend to a greater vacuum, the CTS can operate with vacuum pumps up to -920 mbar. (see pump technical sheet).





TECHNICAL INFORMATION

Chamber	Transparent PMMA chamber on hinge
Range of measurement and accuracy	From -0.1 to -0.85 Bar as standard. Accuracy +/- 2%
Useful dimensions	Length (L) x Depth (D) x Height (H) It depends on the size of box.
Reading the depression	Needle pressure gauge 50 mbar resolution
Units	Bar, Psi
Air supply	- On compressed air 7 bar network connected to Rislun® 8mm pipe. (not included) - Vacuum pumps (Max -920 mbars)
Principle of the test	Visual
Temperature	From 0 to 40°C
Standard	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.
Pneumatic cylinder
Needle vacuum gauge with a better resolution

DELIVERED WITH:

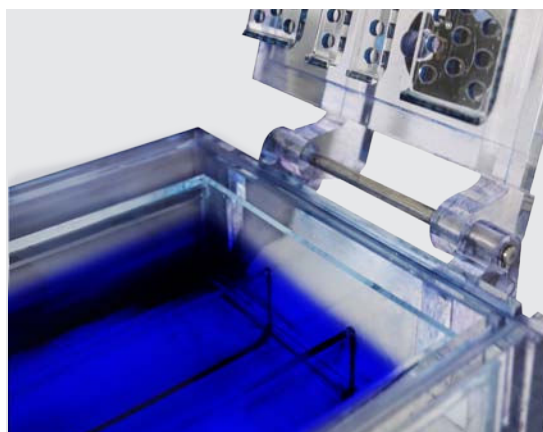
- A calibration certificate LNE/COFRAC

THIS MODEL ALSO EXISTS:

- Immersed in water CTS-I



- Immersed in methylene blue CTS-Bi



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

Major manufacturers have trusted us for many years

L'ORÉAL
PARIS

