

## VACUUM PNEUMATIC CHAMBER CTS



**THE ELEMENTARY MODEL**

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## THE ELEMENTARY MODEL

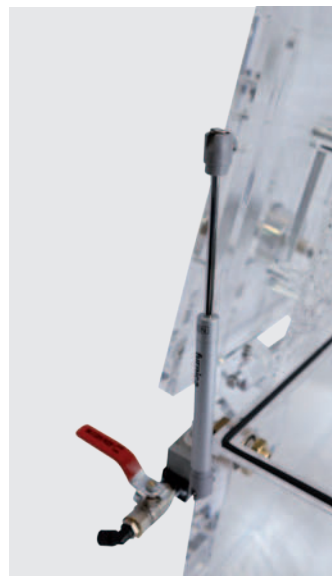
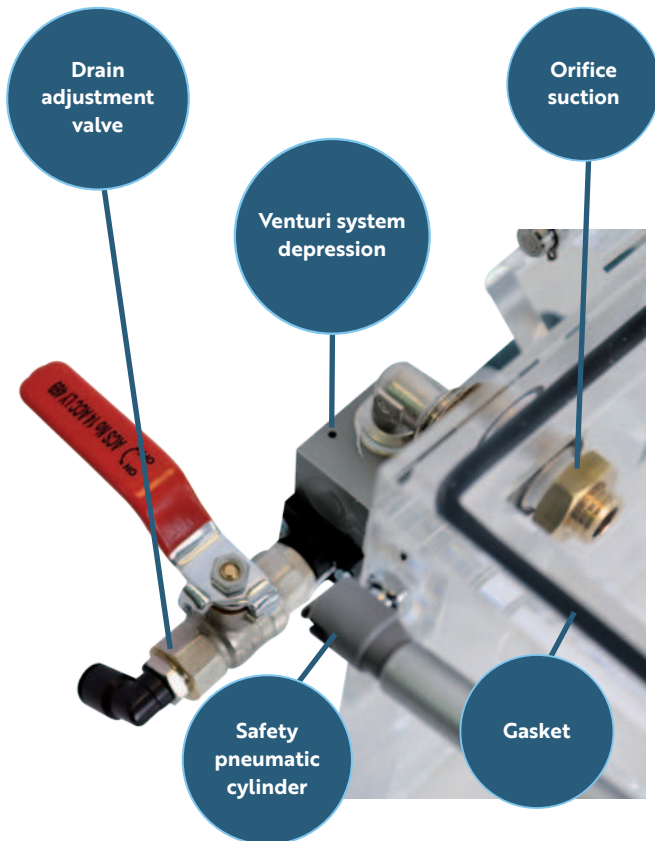
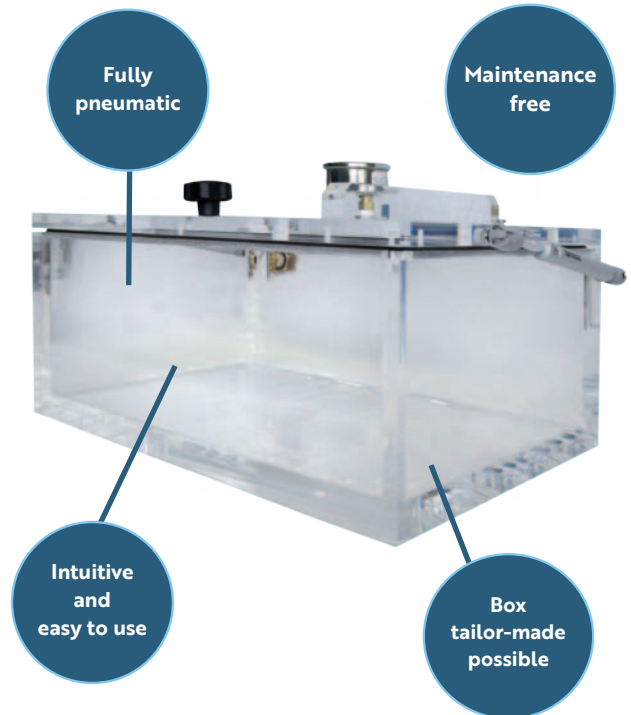


### FUNCTION

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

|  |  |
|--|--|
| <b>Chamber</b>                           | Transparent PMMA chamber on hinge  |
| <b>Range of measurement and accuracy</b> | From -0.1 to -0.85 Bar as standard.<br>Accuracy +/- 2%   |
| <b>Useful dimensions</b>                 | Length (L) x Depth (D) x Height (H)<br>It depends on the size of box.  |
| <b>Reading the depression</b>            | Needle pressure gauge<br>50 mbar resolution  |
| <b>Units</b>                             | Bar, Psi   |
| <b>Air supply</b>                        | - On compressed air 7 bar network connected to Rislun® 8mm pipe. (not included)<br>- Vacuum pumps (Max -920 mbars) |
| <b>Principle of the test</b>             | Visual   |
| <b>Temperature</b>                       | From 0 to 40°C   |
| <b>Standard</b>                          | ASTM D4991, ASTM D5094,<br>ASTM D4169, EN 14401,<br>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:

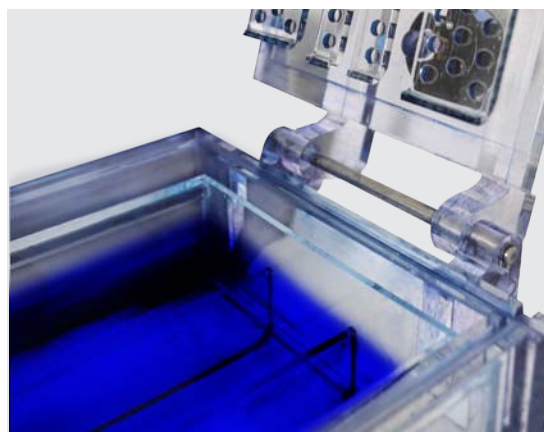
- A calibration certificate LNE/COFRAC

## THIS MODEL ALSO EXISTS:

- Immersed in water CTS-I

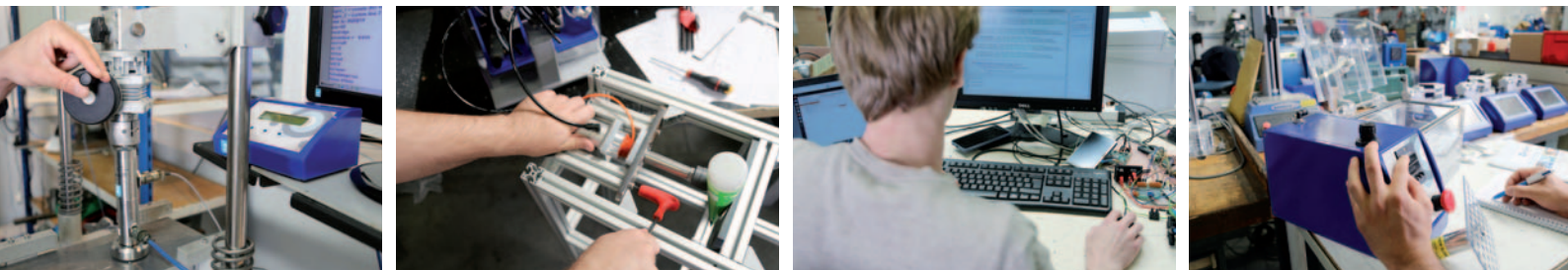


- Immersed in methylene blue CTS-Bi



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### 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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