



## DOYPACK, SACHET AND POUCH WELD TESTERS ECRASE DOYPACK **ATS-XD**



**THE MODULAR  
ELECTRO-PNEUMATIC MODEL**

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## ECRASE DOYPACK **ATS-XD**

THE MODULAR ELECTRO-PNEUMATIC MODEL



### FUNCTION

The ATS-xD allows to control the **weld strength of plastic or metal packaging** such as doypacks, doypack refills, pouches, sachets and tubes directly containing liquid or semi viscous product:



Doypack    Recharge Doypack    Pochette    Sachet    Tube

For an utilisation on the production line or in the laboratory. It can be used in addition to the ATS tube weld tester.

**Why do you have to test your weld?** During the heat-sealing process, defects in the weld can appear due to the temperature of the electrodes and the presence of impurities. The implementation of a **crush test allows** to verify the **integrity of the weld of your sample**, and thus the absence of leakage or microleakage. This test is essential to validate the reliability of the weld.

**ACRN, which has 20 years of experience in the field, will be able to advise you for these adjustments and recommend loads to be applied according to the type of packaging of your sample. ACRN will also provide you a table of the force exerted according to the pressure of the compressed air supply.**

This is a **fast, simple** and totally **repeatable** test deployed by many packaging manufacturers.

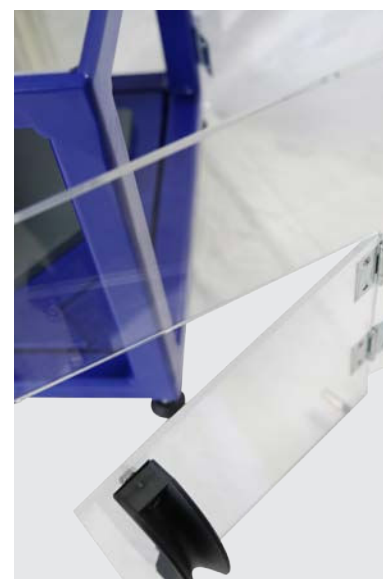
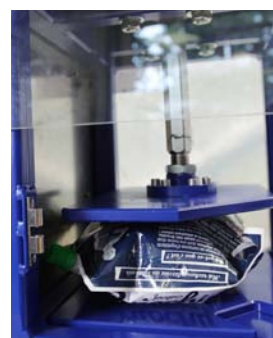
### TWO TESTS

The advantage of this product is that it can **perform two different tests** thanks to its digital interface in which the user can vary the pressure force and test duration.

- **Test with micro-leak** that grows with the pressure and causes a burst
- **Burst test** to determine the resistance of welds



The electro-pneumatic ATS-XD is suitable for doypacks, sachets, pouches and tubes of all kinds.





Porte résistante, ouverture sur 2 faces

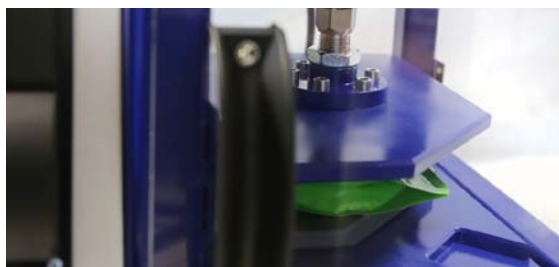


## BENEFITS

- **Simple, fast, robust** and fully **repeatable testing**
- Adapted to **production environments** thanks to innovative and intuitive design:
  - **Perfected cleanability** thanks to its multi-opening door
  - **Magnetic pressers** quickly interchangeable according to the type of packaging
  - Wide range of **capacities from 10 kg to 3,300 kg** in pressure force depending on the pneumatic cylinder
- Easy-to-use digital interface with **traceability of results** via **printer or export software**
- **Precise location** of the leak
- No maintenance required
- Specific housing on request for a **precise adjustment of the positioning** of your sample ensuring a very good **repeatability** of your measurement.

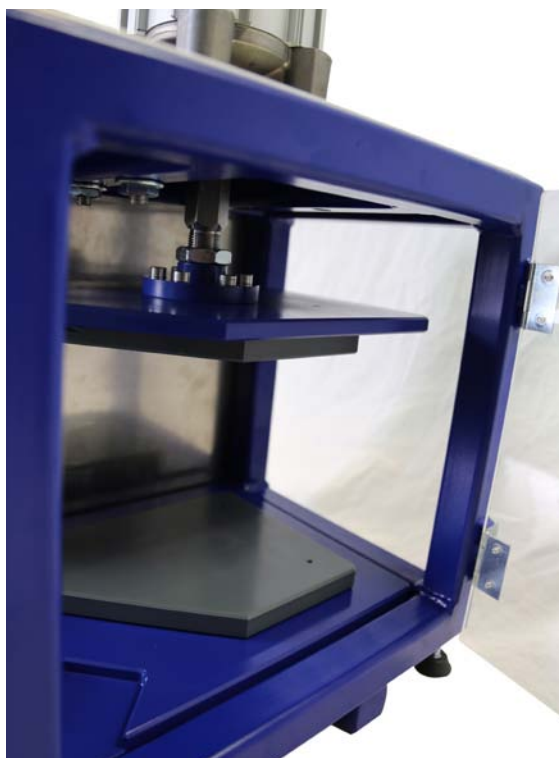
## OPTIONS

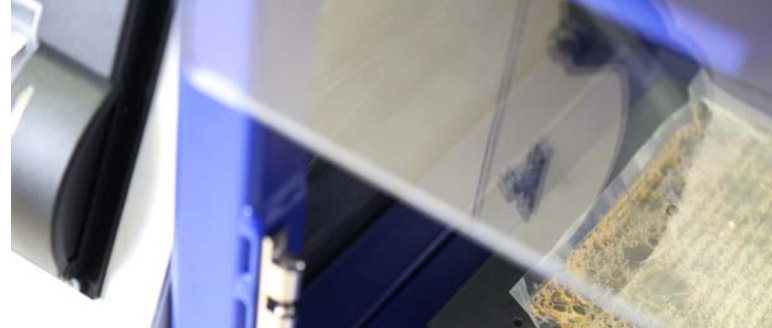
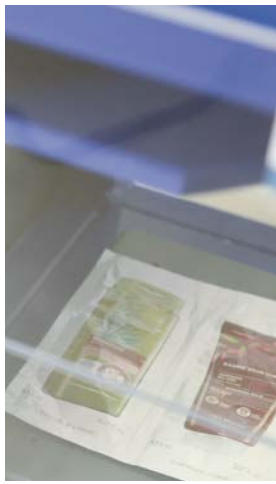
	Specific pressers
	Specific support plate
	Data transfer software dataxport



## TECHNICAL INFORMATION

<b>Crushing of doypacks</b>	PVC doypacks crusher on rigid metal frame, unbreakable transparent polycarbonate door, painted mild steel support frame
<b>Air supply</b>	compressed air from 0 to 10 bars
<b>Power supply</b>	220-230 V / 50 – 60 Hertz
<b>Pressure adjustment</b>	Pressure regulator
<b>Reading</b>	Pressure gauge graduated from 0 to 10 bars
<b>Timer</b>	Adjustable from 2 to 999 seconds at +/- 1 second
<b>Security</b>	Emergency stop button/door switch
<b>Power supply connection</b>	Connection to the compressed air network by means of a Rislun tube with an external diameter of 8 mm
<b>Digital output</b>	RS232
<b>weight</b>	65 kg





## TECHNICAL SPECIFICATIONS ACCORDING TO THE SUPPORT FORCE

	ATS-XD 400	ATS-XD 2200	ATS-XD 3300
<b>Force min</b>	20 kg	400 kg	400 kg
<b>Force max</b>	400 kg	2 200 kg	3 300 kg
<b>External dimensions</b>	L 530 * D 400 * H 700 mm	L 400 * D 340 * H 580 mm	L 400 * D 340 * H 580 mm
<b>Inside dimensions for sample</b>	L 200 * D 270 mm	L 200 * D 270 mm	L 200 * D 270 mm
<b>Weight</b>	25 kg	65 kg	65 kg

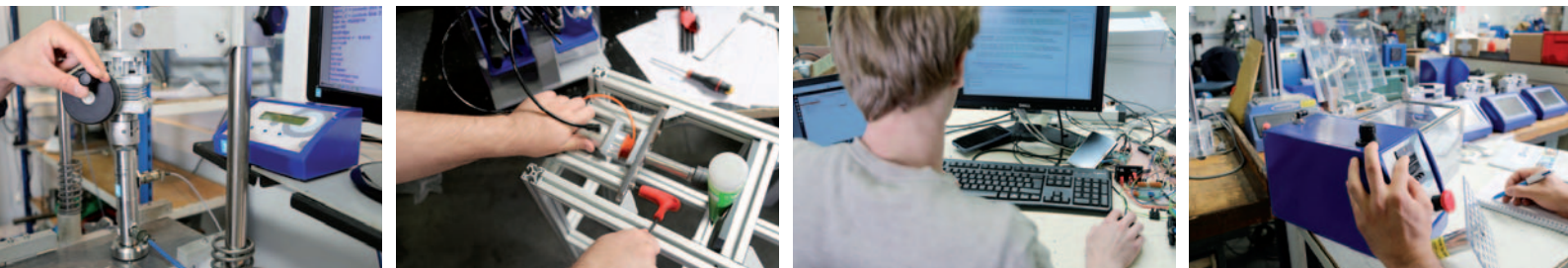
### DELIVERED WITH:

- A calibration certificate connected to LNE/COFRAC

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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 equipment for leak testing and dynamometric testing for packaging

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### Major manufacturers have trusted us for many years

L'ORÉAL  
PARIS

  
SANOFI

  
DANONE  
ONE PLANET. ONE HEALTH.

  
Nestlé

  
Pierre Fabre

  
General  
Mills  
Making Food  
People Love

  
CHANEL