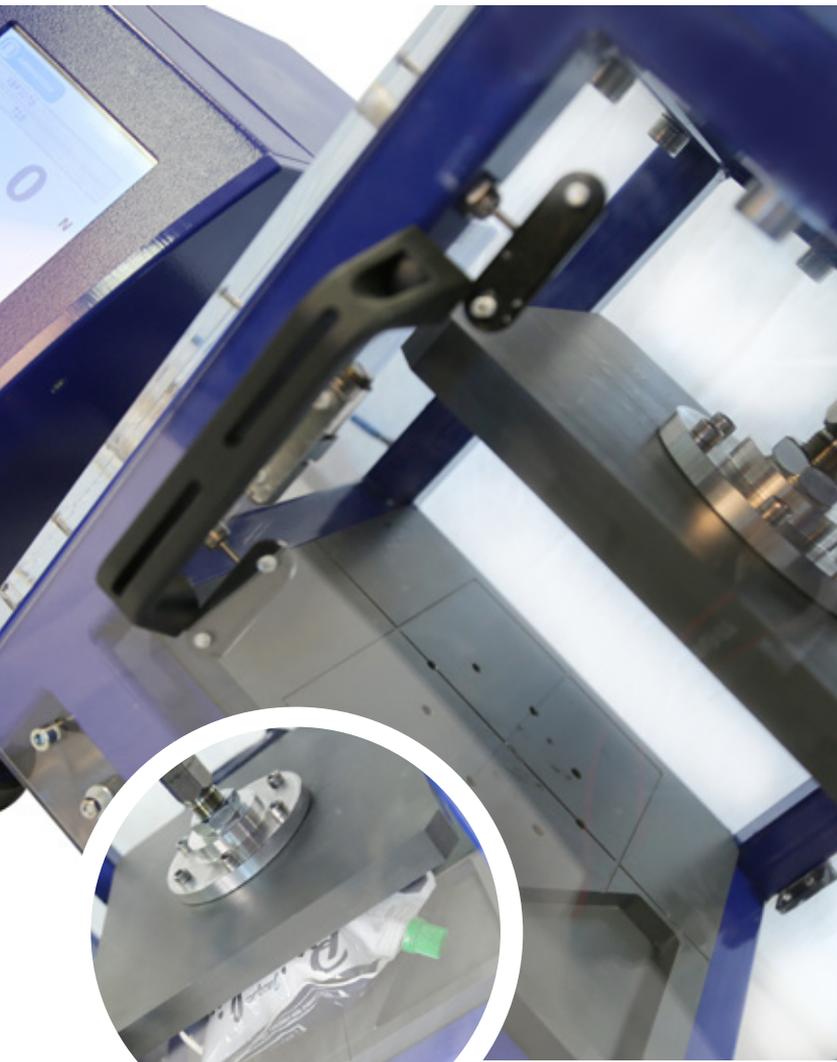


COMPRESSPACK

DOYPACK, SACHET AND POUCH WELD TESTER



COMPRESSPACK

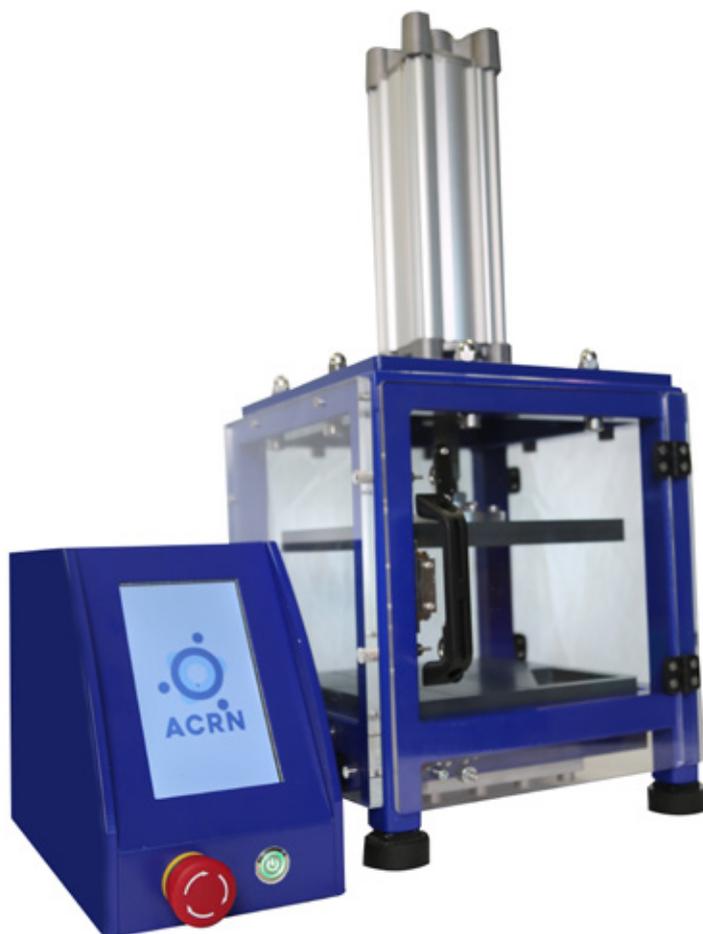
WELD TESTER FOR DOYPACK, SACHET AND POUCH



FUNCTION

The **CompressPack** is used to check the weld strength of plastic or metal packaging doypack, doypack refill, pouches, sachets and tubes directly on the production line or in the laboratory. It can be used in conjunction with ATS tube weld testers.

Why test your weld? When heat-sealing, defects in the weld may occur due to electrode temperatures and the presence of impurities. By carrying out a crush resistance test, you can check the integrity of your sample's weld, and therefore the absence of leaks or micro-leaks. This test is essential to validate the weld integrity of your sample.



FEATURES :

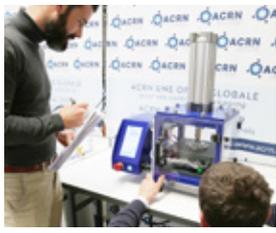
- Touch screen with intuitive interface (designed to be up and running in less than 5 minutes, no manual required)
- Complies with ASTM and ISO standards
- QC/QI/QO/QP/QM available
- Self-diagnostic capability (sensor drift),...
- Pressure sensor accurate to 1 N.

STANDARD PACKAGING :

- Doypack-type packaging, sachet, pouch, pocket



Intuitive,
ergonomic menu
for fast learning



With 20 years' experience in the field, ACRN can guide you through these settings and recommend loads to be applied according to the type of sample packaging. ACRN will also provide you with a table of the force exerted according to the compressed air pressure supplied.

It's a fast, simple and totally repeatable test, deployed by many packaging manufacturers.

BENEFITS :

- Simple, robust, fast, reliable and fully repeatable
- Designed for a wide range of tests (fatigue test, stress test, burst test, leak test, etc.)
- Adapted to production environments thanks to innovative and intuitive design
- Perfected cleanability thanks to its multi-opening door or the use of a practical drip tray for development tests
- Quick-change pressers for different types of packaging (Photo in option)
- Wide range of capacities from 10 kg to 4,000 kg depending on the cylinder pneumatic
- Easy-to-use digital touch interface
- OPTION CFR 21 (Audit trail, Data integrity: advanced result analysis/export (USB, TCP/IP)
- Traceability and validation of test conformity; Batch number management; User identification with access limit
- Precise leak location
- Maintenance-free
- Specific housing on request for precise adjustment of sample positioning, ensuring excellent measurement repeatability
- Detachable control box for easy or remote for hostile or cluttered environments



EXTENSIVE TESTING POSSIBILITIES



RESISTANCE TEST

Cycle your packaging to test its integrity.



CYCLIC TEST

Perform a force test with the pneumatic cylinder raised and lowered.



MANUAL TEST/INTERNAL PRESSURE

Perform a step-by-step test to facilitate internal measurement for reliable, accurate testing.



EXPLOSION TEST

Carry out a burst threshold test.



CUSTOMIZED TESTING

The CompressPack can integrate a program developed specifically for the customer (e.g. a manufacturer's internal test protocol, which can be deployed at all production sites via a source file on a USB key).



STAIRCASE TEST

Carry out a development/qualification test to determine a product's compliance values.

OPTIONS

Specific pressers
Special support plate
Manual compressor for stand-alone stand-alone
Leakage tray/drawer for improved cleanability (L model)
Round and rectangular press (model L)



COMPRESSPACK	Made of PVC on a rigid metal frame, unbreakable transparent polycarbonate door, painted mild steel support frame
Energy	Réseau d'air comprimé 0 à 6 bars
Control box dimensions	W160*D350*H240 mm
Frame size with jack	W346*D350*H727 mm (L)
Overall dimensions	W570*D460 mm (W) / W380*D460 mm (S)
Useful test dimensions	W340 *D270 mm (L) / W230*D132 mm (S)
Power supply	110Vdc 230 Vdc, 50hz/60hz
Compressed air supply	From 0 to 6 Bars possible up to 8 Bars
Screen	7" capacitive touchscreen
Accuracy	1 Newton
Max. sampling frequency	1500 hz
Air filter	5 µm
IP classification	IP54
Operating temperature	Between 0° and 40°C
Noise level	< 25 dB
Power consumption	<0,1kW
Connection to compressed air network	ISO B6 Male and Ø8mm external quick connector
System connection	1 x USB / 1 x ETHERNET
Communication	Printer, RS232, TCP-IP, Exports CSV, XML USB key, open communication protocol
Collecting data	unlimited
Number of programs	unlimited
Number of tests	unlimited
Test duration	unlimited
Traceability and Data Integrity	User rights Automatic data back-up Data tamper-proof Connectivity with SPC and ERP software Audit trail
Warranty	2 years
Certification	CE

TECHNICAL SPECIFICATIONS BY SUPPORT FORCE :

	L75	L190	L300	L1600	L3000	S190	S300	S1600
Min. force (daN) Min. pressure (bar)	2 0,2	6 0,2	10 0,2	50 0,2	100 0,2	6 0,2	10 0,2	50 0,2
Force (daN) Standard pressure (bar)	75 6	190 6	300 6	1600 6	3000 6	190 6	300 6	1600 6
(daN) Max. pressure (bar)	100 8	250 8	400 8	2100 8	4000 8	250 8	400 8	2100 8
External dimensions (mm) (W*D*H)	570*460*650	570*460*650	570*460*693	570*460*727	570*460*710	380*460*449	380*460*492	380*460*526
Maximum sample size (mm) (W*D*H)	340*270*185	340*270*180	340*270*160	340*270*120	340*270*110	230*132*185	230*132*165	230*132*125
Weight	30 kg	30 kg	32 kg	57 kg	62.5 kg			

SUPPLIED WITH :

- LNE / COFRAC-certified calibration certificate

ACRN A GLOBAL OFFER

for packaging quality control



Calibration and annual maintenance

on site or in the laboratory. ACRN has its own metrology laboratory.

Test set-up, choice of materials, state of the art, work on repeatability

we can advise you according to your needs (technology, budget, ergonomics).

Leak and torque testing

we offer you our expertise and our leak-testing and dynamometer equipment and dynamometry equipment for packaging

Major manufacturers have been placing their trust in us for many years

