

Measurement of micro leak hole size and burst pressure seal integrity with oxygen analysis, for all flexible and semi-rigid packaging.

The Check-A-Pack 202 is a benchtop leak tester model with manual sample preparation. Hole size measurement 5 to 200 microns. The instrument is controlled via a touchscreen with embedded software. Test methods can be saved for later recall, and all test results are automatically stored. The instrument has both USB and Ethernet connections for transfer of results if required.

Check-A-Pack 202 has the possibility to run up to 3 test modes in a single test method, these are Leak Testing, Burst Testing, and Oxygen O₂ testing as described below:

1. Leak Testing: In this test the pack is gently inflated and checked for leaks in the range 5 to 200 microns. The test measures the air flow, and calculates the micron estimated hole size, by maintaining a set pressure for a defined time.
2. Burst Testing: In this test, the pack is inflated until it bursts in the range up to 1,000 mbar. The maximum pressure reached is recorded.



EIGENSCHAFTEN

- Manual sample preparation suits a wider variety of pack formats.
- Tests a wide range of flexible and semi-flexible product packs and components including modified atmosphere packaging, food pouches, trays, pots, sachets, medical packs, pharma blisters, electronic packs, and industrial packaging.
- Full traceability: operator, line, product, batch number, date, time
- Touchscreen controller, with password protected test recipes.
- Connectivity via USB and Ethernet, networking of results.
- Automatic result database, recall, export, statistics, password protected.

TECHNISCHE DATEN

Power connection	
Compressed air connection	nein
PC connection	RS-232, USB
Width / Diameter	35 cm
Depth	18 cm
Height	18 cm
Weight (net)	5 kg

Check-A-Pack Package Seal Integrity Testers

MEASUREMENT OF MICRO LEAK HOLE SIZE AND BURST PRESSURE SEAL INTEGRITY WITH OPTIONAL OXYGEN AND CARBON DIOXIDE ANALYSIS, FOR ALL FLEXIBLE AND SEMI-RIGID PACKAGING. BENCHTOP MODELS WITH MANUAL OR AUTOMATIC SAMPLE PREPARATION.
HOLE SIZE MEASUREMENT 5 TO 200 MICRONS.



Check-A-Pack models 200



Check-A-Pack models 600

Benefits:

- Automatic sample preparation eliminates potential user error (Check-A-Pack 600 models)
- Manual sample preparation suits a wider variety of pack formats (Check-A-Pack 200 models)
- Tests a wide range of flexible and semi-flexible product packs and components including modified atmosphere packaging, food pouches, trays, pots, sachets, medical packs, pharma blisters, electronic packs, and industrial packaging.
- Full traceability: operator, line, product, batch number, date, time.

Features:

- Touchscreen controller, with password protected test recipes.
- Connectivity via USB and Ethernet, networking of results.
- Automatic result database, recall, export, statistics, password protected.
- Remote access for fault diagnoses, maintenance and supervision.
- Pneumatic backflush eliminates blocked needles.



MODELS:	
CHECK-A-PACK 200 Leak & Burst Tester	CHECK-A-PACK 600 Automatic Leak & Burst Tester
CHECK-A-PACK 202 Leak & Burst Tester with O2 analysis	CHECK-A-PACK 602 Automatic Leak & Burst Tester with O2 analysis
CHECK-A-PACK 222 Leak & Burst Tester with O2 & CO2 analysis	CHECK-A-PACK 622 Automatic Leak & Burst Tester with O2 & CO2 analysis
SPECIFICATION:	
Leak & Burst: Technology: Mass Flow & Piezoresistive sensors Accuracy: +/- 2% full scale Resolution: 0.1 ml/min & 0.1 mbar Scale: 1000 ml/min & 1.5 bar Sensitivity: 10 microns @ 20mbar & 5 microns @ 500mbar	
Oxygen: Technology: Electrochemical sensor Accuracy: +/- 1% of reading +0.01% O2 Resolution: 0.01% Sample Volume: Target <1% O2 : <4ml	
Carbon Dioxide: Technology: NDIR sensor Accuracy: +/- 2% full scale Resolution: 0.1% Sample Volume: Target <90% CO2 : <6ml	
Device: Dimensions (mm): 345 (W) x 175 (D) x 165 (H) Weight: 5kg Results memory: Unlimited (adjustable memory size) Ports: 1 x USB, 1 x Ethernet Display: 8 inch touchscreen Power: 100-230 VAC, 50-60Hz Temperature: 0-40°C	Device: Dimensions (mm): 569(W) x 473(D) x 495(H) Weight: 25kg Results memory: Unlimited (adjustable memory size) Ports: 1 x USB, 1 x Ethernet Display: 8 inch touchscreen Power: 100-230 VAC, 50-60Hz Temperature: 0-40°C

