H5K5.HT

Leak tester

The H5K5.HT is an instrument designed to make leak testing in a more easier, faster, efficient and standardized way.

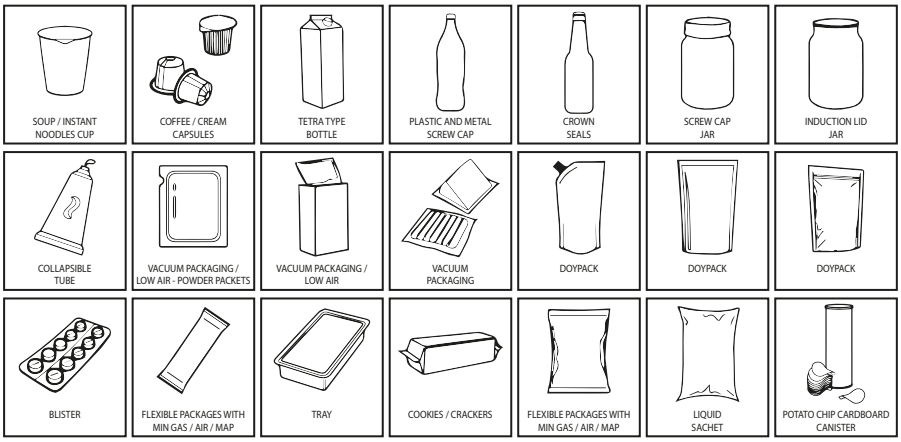
It mainly applies to leak detection and analysis in blisters and packages.

The analyzer is autonomous, versatile, compact with configurable settings from a touch screen.

It has 6 settings stages and 18 program memories.

APPLICATIONS

- Pharmaceutical industry
- Food industry
- Bubble test
- Optional IQ / OQ
- Blue dye test
- Dry test



ACCESSORIES

Printer

Quick start button

Vacumm Pump

DISPLAY

FEATURES

18 Memories / Recipes	8 Available sizes	Up to 6 Quick start button	6 Stages
4 Password levels	1 USB	1 Touchscreen	1 Printer output
ML Multiple Lenguages	S Screenshot	R Pressure / vacuum rate	L Datalogger

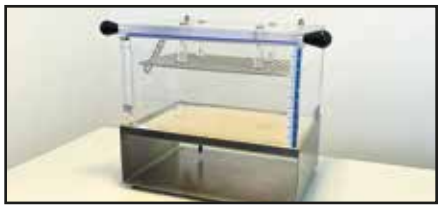
CHAMBERS

Chamber N9

Chamber R0

Chamber R1

Chamber R2



Chamber Q1, Q2, Q3, Q4

H5K5 LEAK DETECTION
www.h5k5.com / info@h5k5.com

H5K5.HT Leak Tester

H5K5 LEAK DETECTION

Instructions

A) Blue dye test. The supervisor should fill the chamber with water and blue dye and configurate the 6 stages of vacuum levels, setting time and venting time. After the test is complete, remove the sample and inspect it. The report prints automatically.

Place the packages in the chamber, then close the lid and verify that the packages are submerged. Press the quick start button. Remove the sample and inspect it.

B) Bubble test: The supervisor should fill the chamber with water. The operator set the 6 stages of time/pressure vacuum, through this 6 stages it can simulate the transport of the package, whether by land or air (mountain areas). Put the package you want to check in the chamber, on having closed the lid of the chamber, the package must be fully submerged. The H5K5 begins to evacuate the air located above the level of the water, in such a way that it generates a difference of pressure making the package swell up. From non-hermetic areas, air or gas that exists within the package will leak out and form a line of bubbles easy to watch and visualize exactly where the leak occurred.

C) Dry test: get the chamber empty and let it dry. Place the sample into an absorbent paper all together into the chamber. Press the quick start button. After the test is complete, remove the absorbent paper and inspect it. If it is dry, the sample does not have a leak.

Place Sample

Press the quick start button

Verify packages

Automatic printing report

Meets Standarrd:

ASTM D3078
ASTM D6653
ASTM D4169
ASTM D4991
ASTM D5094
ASTM F2096
Mexican Pharmacopoeia MGA 0486

VERSION

H5K5.HT □ □ □

- A: Compressed air
- V: Vacuum pump

- Vacuum Packing Kit
  - S: Yes
  - N: No

- Chamber
  - *N9: Ø=24 H=10 cm.
  - *R0: Ø=34 H=10 cm.
  - *R1: Ø=34 H=20 cm.
  - *R2: Ø=34 H=35 cm.
  - *Q: Rectangular:
    - *Q1: 28 X 20 X 14 cm.
    - *Q2: 46 X 30 X 17 cm.
    - *Q3: 50 X 35 X 25 cm.
    - *Q4: 60 X 50 X 30 cm.
    - *Qx: Customized

* Effective internal dimensions

Specifications

Electronic Unit	
Maximum Vacuum	
• Pump version:	-950mBar (at sea level)
• Compressed air version:	-700mBar (at sea level)
Resolution:	1mbar
Accuracy:	1% fs
Graphic and touch display:	4.3" TFT LCD (65536 colors) 480 x 272 pixels
Humidity operation:	20% - 80% not condensing
Operating Temperature:	5 a 40 C° (41 - 104 F°)
Keyboard:	Touch
Alarm:	Stop requested by the operator / process error
Connectors:	Aluminum
Push button:	Quick start / abort test (optional)
Safety filter:	Internal and external
Power supply:	100-240 Vac, 50/60hz
Dimensions:	305 x 279 x 125

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