

MediTEST

An advanced, non-destructive seal integrity tester operating on the established principle of measuring reactive force generated by the packaging when subjected to vacuum.



Weak seals or leakages are easily identifiable with the MediTEST range, efficiently highlighting any issues with quality assurance. Only a few seconds are required to detect holes down to ten microns, while the non-destructive nature of the test allows for flawless packaging to be reintroduced to the production line, significantly reducing waste and cost.

A PC based virtual instrument control system is employed, featuring a touch screen HMI. This provides easy to read results, indications and graphical test data to aid analysis. Users are able to store test and meta-data in compliance with 21CFR Pt 11 and output these to a printer.

Modular and flexible design allows the system to be optimised for each product application, maximising sensitivity while minimising test time. A self-adjusting sensor system virtually eliminates the requirement for specialist tooling, and a front-loading tray enhances ease of use.

Standard MediTEST systems are able to test either two, four or ten pouches simultaneously, with custom configurations available to meet your requirements. Additionally, the MediTEST range is available with optional extras including an internal vacuum or electric pump. The system may also be configured as a complete and portable work station to further enhance ease of use.



Though highly configurable to suit individual customer requirements, the MediTEST range possesses a number of standard features to enhance functionality.

- Non-destructive test method
- Self-adjusting sensors
- Touchscreen control
- Can detect holes down to 10µm
- Simple to operate
- No specialist tooling required
- Short test cycle time
- PC based control system

Applications



Pharmaceutical Packaging - e.g. filled sachets, bags, tubes and syringes



Medical Devices - e.g. blister trays, testing kits, implants and pouches



Consumer Products – e.g. cleaning, pet, sexual health, toiletries and cosmetics

Specification	
MediTEST	Vacuum force leak detection system with computer control and touchscreen HMI Custom configurations available
Limit of Detection	Better than 10 microns hole diameter <small>(Performance is a function of pack size, vacuum level and head space)</small>
Test Cycle Time	Down to 10 seconds <small>(Performance is a function of pack size, vacuum level and head space)</small>
Number of Packs	Two, four or ten packs simultaneously Custom configurations available
Pack Dimensions	2 channel - 140(L) x 180(D) x 35(D) 4 channel - 140(L) x 90(W) x 35(D)
HMI Display	8.4" to 17" colour display with touchscreen
Voltage	100/230V, 50-60Hz
Interface	USB and RS232
Compressed Air	6 bar (200l/min)
Dimensions	Bench mounted or workstation, dependent on configuration
Material	Grade 304 stainless steel casework
Compliance	Can operate in compliance with 21CFR pt 11
Standards	CE marked