



MediTEST MO12C-4

An advanced non-destructive, leak detection system designed to test the integrity of single sachets, pouches, flow wraps and most non-porous packaging.

The MediTEST MO12C-4 operates on the established principle of measuring the reactive force generated by the packaging when subjected to a vacuum. The change in this force is an indication of pack integrity.

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 reduces the requirement for any specialist tooling, and a front loading tray enhances ease of use.

Able to test up to four pack simultaneously, the MediTEST MO12C-4 provides a clear picture of the production sample integrity. The non-destructive nature of the test allows for flawless packaging to be returned to the production line, significantly reducing waste.

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 21 CFR Pt 11, and output these to a printer.

FEATURES

- Non-destructive
- Simple to operate
- Self-adjusting sensor
- Front loading, for ease of operation
- Highly sensitive – can detect down to 10µm
- Short test cycle time – as low as 10 seconds
- No special tooling required

APPLICATIONS

- Pharmaceutical sachets (powders)
- Medical test strips
- Medical device packs (non-porous)
- Modified atmosphere packs
- Pillow packs
- Flow wraps
- Production and laboratory environments

TECHNICAL INFORMATION

Model

MediTEST M012C-4

Multiple non-destructive pack integrity tester with computer control and touch screen HMI

Performance

Limit of detection

Better than 10 microns hole diameter*

Test cycle time

Down to 10 seconds*

* Performance is a function of pack size

Capacity

Number of packs

Up to four packs simultaneously

Pack dimensions

140(L) x 90 (W) x 35(D)* mm

* No minimum for non-porous packs. Head space required

General

HMI Display

8.4" 800 x 600 SVGA

Voltage

110 / 230 V, 50–60 Hz

Interface

USB and RS232 ports

Compressed air

6 bar (200l/min)

Dimensions

565(W) x 470(D) x 450(H) mm

Materials

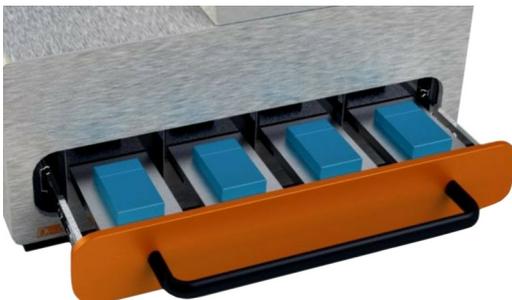
Grade 304 stainless steel casework

Compliance

Can operate in compliance with 21CFR part 11

Standards

CE marked



Cambridge Sensotec Ltd.

29 Stephenson Road
St. Ives
CAMBS
PE27 3WJ
United Kingdom



Telephone: +44 (0)1480 462142

Email: sales@cambridge-sensotec.co.uk

Web: www.cambridge-sensotec.co.uk

Seal Integrity & Leak Detection Systems