



## ***MediTEST MO12P-1***

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

The MediTEST MO12P-1 is a cost effective option for low volume, singular testing requirements. It 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, while a self-adjusting sensor system reduces the requirement for any specialist tooling. This maximises sensitivity and minimises test time. The non-destructive nature of the test allows for flawless packaging to be returned to the production line, significantly reducing waste.

A custom designed, embedded controller is employed that features a multi-line alphanumeric display. Physical user input controls are provided for operator functions and programming. Security is provided by a removable access key while a front loading tray enhances ease of use.

Users are able to store up to ten test methods at a time, and output these to a printer. Analogue outputs are provided for analysis by an optional data capture application.

## 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 M012P-1	Singular non-destructive pack integrity tester with embedded controller and multi-line display
------------------	--

### 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	Single pack
Pack dimensions	140(L) x 125(W) x 35(D)* mm

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

### General

HMI Display	4 line alpha-numeric display
Voltage	110 / 230 V, 50–60 Hz
Compressed air	6 bar (200l/min)
Dimensions	330(W) x 470(D) x 450(H) mm
Weight	35kg
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