

LeakPointer

Off-line leak tester for quality control of Modified Atmosphere Packages (MAP)



Benefits

- Reduced costs from non-destructive testing
- Reduced risk of cross contamination (compared to traditional water bath)
- Less risk of human error
- Detects package leaks

Features

- **NEW:** Optical sensor
- **NEW:** No heating time
- Data logging of measurement data
- Product programs can be selected via bar code
- Fast testing cycle (< 30 sec.)
- Easy operation via touch screen
- 3-year CO₂ sensor warranty

Testing without package destruction or contamination risk

Can a hole in a package put a hole in your budget? Given today's high production rates, unfortunately yes. In fact, whole shipments of leaky packages can reach retail points – or worse yet, dinner tables, only to be discarded by unhappy consumers.

Fortunately, there's a way to spot trouble in advance and ensure a positive experience with your brand. It's called the LeakPointer II and should be part of every MAP manufacturer's operations.

The LeakPointer II is both faster and more accurate than conventional test methods. It can spot the leaks that other systems overlook – essential for your longer shelf-life products.

Its unique testing technology also allows you to check for leaks without destroying packaging. And because testing is automatic there's virtually no risk of human error – or of the cross contamination that can occur with water baths.

HOW DOES IT WORK?

- 1:** An individual test program is created for each product to be tested. The first step is thus to select the correct program using either the touch screen or a bar code scanner.
- 2:** When the correct test program has been selected the package is placed in the chamber and the lid closed, starting the automatic test cycle.
- 3:** During the test a user-defined vacuum is drawn, causing a pressure difference between the package and the chamber – in turn causing CO₂ to leak into the chamber. The full test cycle takes 15-30 seconds depending on the product set-up.
- 4:** When the automatic test cycle is completed the display will show either “OK” or “Leak” – clearly indicating if the package is leak-free or not. Test data are automatically stored and can be retrieved for statistical purposes.

LeakPointer II E2



PBI-D5-Dash-gatec-LP II-EN-1

Technical Specifications

Available configurations	LeakPointer II	LeakPointer II E2
Package types	Flexible and non-flexible packages. Individual packages or complete shipping crates	Flexible and non-flexible packages. Individual packages or complete shipping crates
Maximum product size (DxWxH)	400 x 500 x 115 mm or 230 x 330 x 190 mm - due to bubble lid	545 x 650 x 150 mm or 410 x 630 x 210 mm - due to bubble lid 270 x 500 x 270 mm - due to bubble lid (Fits E2 standard crate)
Power supply	230 VAC	400 VAC
Dimensions & weight	730 x 620 x 460 mm (DxWxH) 75 kg	815 x 1030 x 1050 mm (DxWxH) 173 kg
Common technical specifications		
Sensor type	Optical sensor	
Start up time	After power on or standby: 1 minute	
Test pressure	Down to 200 mbar absolute	
Number of test programs	500	
Connections	3 x RS232 for printer, PC connection and bar code scanner	
Third-party software compatibility	Mettler-Toledo FreeWeigh.net, Sartorius ProControl (WinSPC), OCS ComScale NT	
Compliances	CE	

Specifications subject to change without notice - further specifications are available in the User Guide.