LeakMatic II

Benefits

- Fewer product returns

- Fewer claims

- Safer brand image

Features

- **NEW:** Optical sensor

- **NEW:** No heating time

- Data logging of measurement data

- Fully automated non-destructive testing

- Easy operation via touch screen

- 3-year CO_2 sensor warranty

Why risk a bad experience with your brand?

Why let leaky packages put a hole in your brand's reputation! With the LeakMatic II they can be stopped right on the production line – before reaching the supermarket, or worse yet, the dinner table!

The LeakMatic II uses a non-destructive testing technique that spots leaks with amazing precision and without destroying packages. It thus safeguards your brand while reducing packaging costs.

Designed to meet the growing demand for fresher foods, the LeakMatic II can be integrated right into your packaging line – right after product boxing. The system ensures seal integrity of entire boxes of MAP products at a speed of up to 4 cycles per minute.

Ready to move up to efficient, continuous in-line leak testing? Can you really afford not to?

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HOW DOES IT WORK?

1: An individual test program is created for each product to be tested, ensuring that the right test parameters are set for each product.

2: In operational mode the LeakMatic II will automatically signal the feeding conveyor belt when ready for a new test. Operation is entirely automatic once the product program has been selected.

3: During the test a user-defined vacuum is drawn causing a pressure difference between the packages and the chamber—in turn causing CO_2 to leak into the chamber. The full test cycle takes 12-15 seconds depending on the product.

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. If a leak is detected, a signal is sent to a package rejection unit and the package is automatically rejected.

PBI-DS-Dash-gastec-LM II-EN-1

Technical Specifications

Package sizes	LeakMatic II (Small)	LeakMatic II (Medium)	LeakMatic II (Large)
Maximum package size (with packfix)	260 x 390 x 310mm (HxWxD)	245 x 610 x 300mm (HxWxD)	330 x 610 x 300mm (HxWxD)
Maximum package size (without packfix)	260 x 390 x 330mm (HxWxD)	260 x 610 x 400mm (HxWxD)	350 x 610 x 400mm (HxWxD)
Common technical specifications			
Package types	Flexible, non-flexible packages. Individual packages or complete shipping crates		
Number of product set-ups	16		
Sensor type	Optical sensor		
Start up time	After power on: 1 minute. After standby: 20 sec.		
Test pressure	Down to 300mbar absolute		
Test speed	Up to 4 cycles per minute		
Dimensions & weight	Cabinet size: 1825 mm x 880 mm x 1050 mm (HxWxD), weight: approx 450 kg		
Power supply	400 VAC		
Connections	2xRS232 for printer, PC connection		
Relay outputs	All relay outputs: Max 48V/1A, "system ready", "ready to test product", "test OK", "leak"		
Notice	The LeakMatic is delivered without safety shielding, conveyors and rejection unit		
Compliances	CE		

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

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