



SealTester FLI Sartorius. In-line leak testing of gas-flushed food bags.



Non-destructive 100% control ensures consistent product quality and prevents batch losses.

The new FLI SealTester non-destructively tests the integrity of gas-flushed food bags directly within the process. The FLI SealTester eliminates the need for manual random sampling, while at the same time avoiding random sampling's two major disadvantages: First, random sampling is time-consuming. Second, it does not allow detection of any additionally damaged bags. As a result, safety dictates that large quantities of valuable products and even entire batches cannot be released for sale. The FLI SealTester permits a truly 100% control by working according to a novel, proprietary system that yields high throughputs, while at the same time delivering accurate and reliable tests results.





To switch to a different product, the operator simply selects the product change-over function on the touch screen. The system automatically adjusts to the correct product height. The parameters are set separately for each product. Because the FLI SealTester measures every single bag individually, variations in gas flushing are accounted for.

- 1** The first measuring belt applies a predefined pressure to the bag. In the process, the height of the bag under pressure is recorded. At a touch of the screen, the amount of pressure applied to the bags can be continuously adjusted.
- 2** The second measuring belt exerts the maximum possible pressure on the bag, without damaging it. If there is any leakage, the pressure applied will cause air or gas to escape from the bag.
- 3** The third measuring belt repeats the process of the first belt. If the bag is gas-tight, the measured results of the first and third belts are identical. If the results differ, the packaging is not air-tight and will be rejected.

- Throughputs of up to 180 units per minute
- Easy operation and product change-over
- Fast and easy to install
- Reproducible and reliable test results
- The seal tester has an "auto-tuning mode" that automatically memorizes the setting parameters
- Automatically rejects leaky bags
- Detects the tiniest leaks, even those smaller than pinholes

Authorized representative of FLI SealTester

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Specifications subject to change without notice.

Printed in Germany.

Printed on bleached, chlorine-free paper

W/sart

Publication no.: BOE1013-e09021

Order No.: 98649-009-40