

TOP 5 REASONS LEAK DETECTION IS VITAL TO YOUR PRODUCT QUALITY

1. Unseen leaks can drastically reduce shelf life

- Unseen leaks can reduce shelf life from months to weeks or even days.
- A leak of 100 microns (the diameter of a human hair) can bring the O₂ in your package to ambient in <1 week.
- A leak of 50 microns can bring the O₂ in your package to ambient in 1-2 weeks.



2. Proper leak detection validates MAP

- Your investment in MAP packaging is to extend shelf life by ensuring a proper mix of CO₂/N₂.
- With proper leak detection, you ensure the gas mix is correct and consistent throughout your packaging process.
- Proper leak detection validates the effectiveness of your MAP process—saving money and reducing waste.

3. Best seal = best quality

- Leak detection helps control your seal integrity to ensure the best quality product.
- Product particles stuck in the seal, improper sealing or incorrect handling can compromise your package integrity.
- An inability to detect these issues could lead to the growth of bugs, such as mold and bacteria.

4. To maintain and exceed customer satisfaction

- Customer satisfaction depends on your product maintaining its great taste and appearance from shelf to home.
- If your shelf life is compromised and your product remains on shelf, then your product has failed expectations—and customers might never give you a second chance.
- Failure to properly detect leaks can decrease customer satisfaction and damage your brand.



ARE YOU DETECTING ANY LEAKS? GET STARTED TODAY

5. To avoid product recall

- Even the smallest leak can invalidate your shelf life and cost you time and money to remove the product.
- If visible signs of package failure appear across entire sets of products, e.g. moldy bakery items, this might require product removal from a store, chain of stores, or customer.
- The cost of even a minor recall includes the wasted product, or product retrieval—it is not worth it!



NEW Dansensor® LeakPointer 3 and 3⁺ The fastest precision off-line leak detector on the market

Non-destructive testing can have a huge impact on your bottom line. Depending on the speed of production, here is an example of waste using destructive testing.

8 packages per hour
2 shifts a day
300 working days per year
equals **38,400** wasted packages a year

Features & benefits

- Auto data logging
- Down to 10 second test cycle
- Ensures product quality
- Detect leaks down to 50 micron
- Data collection and data sharing
- Easy to operate
- Non destructive testing
- Test multiple packages at once
- And much more...

Move from water bath or invasive testing methods and leave a positive impact on your bottom line! Furthermore, the Dansensor LeakPointer 3 and LeakPointer 3⁺ enable you to work in a **cleaner production environment** with no wasted water or packaging.

Due to its fast cycle time (10 seconds) it enables you to **save labor** while automatically logging data from each cycle for external documentation.

The Dansensor LeakPointer 3 and 3⁺ can detect leaks as small as 50 micron (smaller than a human hair). If there is a leak, the pressure difference causes the CO₂ inside the package to leak into the chamber. This accuracy, combined with fast cycle times, makes it the **best in class** off-line leak detector on the market.

Learn more about leaks in Modified Atmosphere Packaging on www.ametekmocon.com