



SealScope™

SEALING INSPECTION &
MONITORING TECHNOLOGY
FOR THE BEST PACKAGING RESULTS



ENGILICO™





The preferred partner for better packaging results

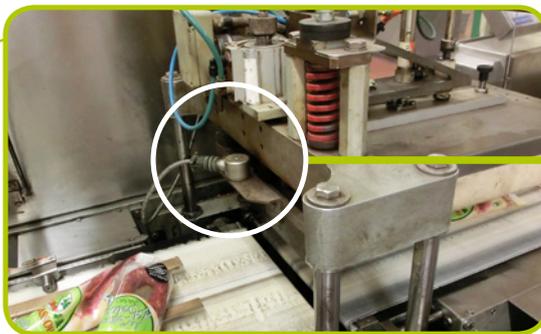
Engilico is the international expert in sealing inspection & monitoring technology for flexible packages. Thanks to global strategic partnerships with large players within the **food, pet care and pharma industry** the Engilico engineers are experts in optimizing packaging lines.

The innovative **SealScope™** technology is a unique **in-line sealing inspection and process monitoring technology** that will allow you to quickly:

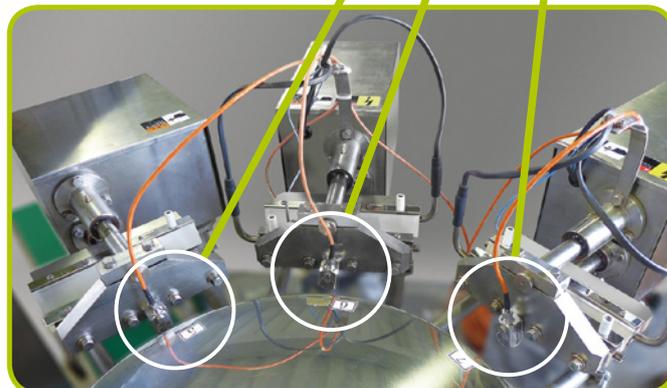
- **Optimize your packaging process** for higher quality & speed
- **Detect compromised packages** due to wrinkles or product in seal
- **Better monitor your packaging process** and issue early warnings in case of process drift

SealScope™ consists of one or multiple vibration sensors, a controller and the **SealScope™** Software. **SealScope™** is compatible with most heat sealing packaging processes & packaging types, including pillow bags, flow packs and pouches.

Using the detection and monitoring tools of **SealScope™** you can cut the number of incidental open packages by over 90% (*). Additionally, packaging speed can be increased while monitoring the sealing quality. (*)



SealScope™ installed on a horizontal flow wrap machine.



SealScope™ installed on a pouch machine, using information of multiple sealing steps to assess package quality.

(*) results are process dependent, contact us for advice.

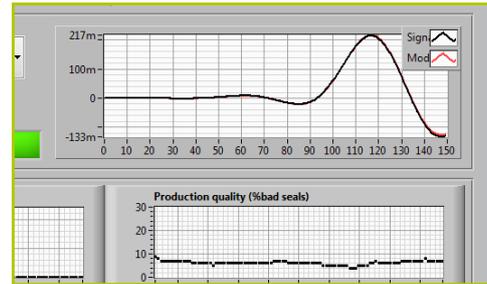




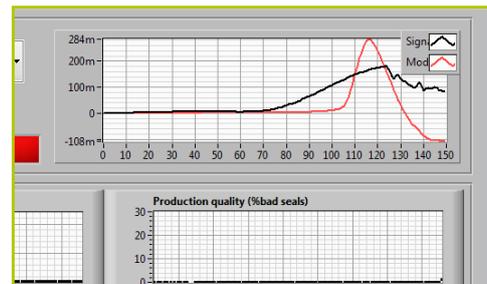
SealScope™ working principle

The patented **SealScope™** seal monitoring technology measures the vibration pattern during the closing of the sealing jaws. This measurement is then compared to the fingerprint vibration of a good seal. Compromised packages due to **wrinkles, product in seal** and **other inclusions**, can easily be detected and rejected. The system checks every individual package, independently of the production rate.

By monitoring the process variance **SealScope™** can identify process drifts and warn the operator to do preventive maintenance in order to keep everything running smoothly.



A typical good seal



A typical bad seal

SealScope™ Key Benefits



BETTER PACKAGE QUALITY



Capture compromised packages (typically >90%) due to wrinkles and product in seal, resulting in longer shelf-life, reduced customer complaints and improved brand image.



HIGHER PACKAGING SPEED



Determination of optimal machine settings, resulting in higher machine output and lower head space under monitored quality.



LOWER PACKAGING COSTS



Reduce personnel, machine and packaging costs thanks to automated inspection, higher packaging speed and reduced head space. Lower scrap rate by rejecting individual packages instead of entire batches.



COMPETITIVE ADVANTAGE



Increase market share by offering a better quality product than your competitors.





Our commitment

Engilico is proud of its extensive and successful track record within the international food, pet care and pharma industry and is committed to work with you on optimizing your packaging lines.



Mobile system used for auditing. Various types of sensors can be connected and combined.

Audit

Quantify the current process performance and determine root causes

Improve

Optimize process for higher quality and speed

Inspect & Monitor

Detect & reject compromised packages and monitor process

- Worrying about the quality of every single package leaving your enterprise?
- Looking for ways to improve the sealing quality of your packaging line?
- Looking for automated package inspection to enable end-of-line automation?
- Wanting to increase your production output while maintaining product quality?

Share your packaging challenges with us and we will help you achieve your production and quality goals.

Engilico Reseller



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