A row of white plastic caps on a conveyor belt. A large, stylized, semi-transparent 'Y' logo is overlaid on the image. The background is a blurred industrial setting with a rainbow-colored light effect at the bottom right.

Providing 100% Real Time
Induction Seal Inspection
and Analysis

 **YORAN**
IMAGING
QUALITY. DATA. EFFICIENCY.

An industry first from Yoran Imaging

100% Real-Time Induction Seal Inspection and Analysis

Induction sealed packaging is widely used in industries like food and beverage, pharmaceuticals, and cosmetics to provide product integrity, extend shelf life, and offer consumers a visual indication of whether the product has been tampered with. Typically, induction seal integrity is checked via sampling of the product itself, which often results in production inefficiencies and slowdowns.

Now, with Yoran's revolutionary thermal imaging inspection solution, companies across the globe can realize a quantum leap in the inspection of induction seals with a range of features and benefits:

- Non-intrusive, non-degrading inspection of every induction seal (right through the cap)
- Operates at full production speeds with no slowdowns
- Process control to indicate not only if an issue occurs, but pinpointing what caused it
- Statistical data provided in real-time, allowing for immediate induction seal corrections and process adjustments without undue delays
- Tamper evidence integrity inspection
- Detection of caps that are not fully closed to avoid dangerous issues with child resistant closures
- Streamlined graphic unit interface (GUI) is simple to use and minimizes human error
- Reduces potential consumer complaints and protects brand reputation
- Immediate ROI by reducing costs associated with existing sampling methods
- Minimizes waste, product recalls, materials and labor

How does it work?

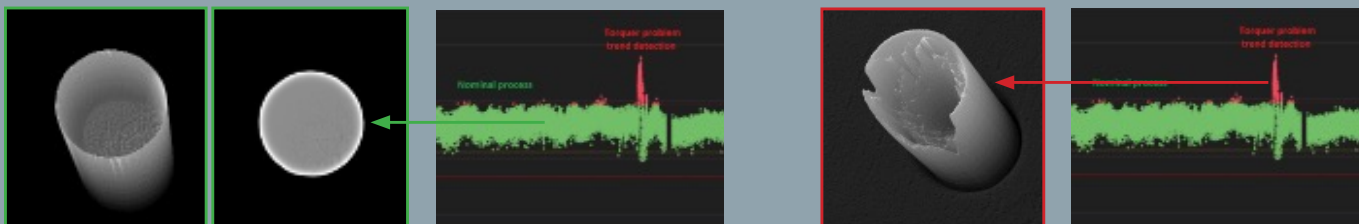
Yoran Imaging's unique solution combines high-end thermal imaging typically used in the defense industry with sophisticated analysis algorithms and proprietary IP. This powerful combination provides real-time integrity monitoring of *every single bottle or jar on the packaging line...without slowing down machine throughput.*

The system automatically reads and analyzes the inherent heat signature of the cap's liner (which is amplified directly after induction), providing immediate quality control data to the operator. The system is compatible with most bottle and cap sizes/types and can be seamlessly integrated into almost any packaging line.

Induction seal inspection and analysis detects through the closed cap.



Reference scans of proper induction sealing integrity



Delivering Process Efficiency Across A Wide Spectrum of Industries



Food & Beverage



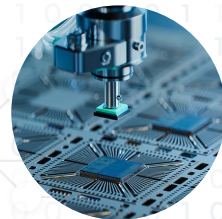
Cosmetics



Pharmaceutical
& Medical Device



Consumer Goods



Electronic
Components

Drawing upon more than two decades of experience in thermal imaging inspection, Yoran Imaging's solutions provide non-invasive, 100% in-line inspection combined with data collection and analysis. This powerful combination allows for real-time visibility of line performance and precise optimization of the overall production process.

Our patented and award-winning solutions help leading companies around the world to optimize their production processes and safeguard their brand reputation. The company's thermal imaging inspection systems deliver enhanced peace of mind by replacing outdated, manual inspection procedures with highly automated and extremely precise data-driven technologies.



Discover how this award-winning technology can deliver instant ROI for your operations.



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