CMCKUHNKE

XTS
Solutions

INDUSTRIAL PHYSICS

Protecting
Product Integrity

Leading experts in double seam inspection

Problems withseams ona canning linecan be costly and time-consuming. Seam inspection is critical for protecting yourself against leaking cans and ensuring the quality of your metal packaging. With a high-quality double seam inspection instrument, you can save time, hassle, costs, and protect yourself against unwanted product recalls.

At Industrial Physics, we're masters of double seam inspection – in fact, over twenty years ago, a brand in our family established itself as a world leader by inventing automatic double-seam inspection.

Our solutions are varied. Whether you're looking for destructive, non-destructive, or inline equipment, we can provide a solution to meet your needs. Everything from seam thickness, height, gap, through to countersink depth, overlap and more – we're here to help.

World-class non-destructive double-seam inspection solution

Trusted by beverage and food companies **across the globe**

A wealth of knowledge and expertise from our market leading product lines

Unmatched range of test and measurement solutions

Global network of factory certified in-house technicians and partners

XTS Solutions

Pioneersofdoubleseaminspection test and measurement equipment.

Our XTS Solutions are the world-leading, non-destructive test and measurement instruments that have revolutionized double seam inspection.

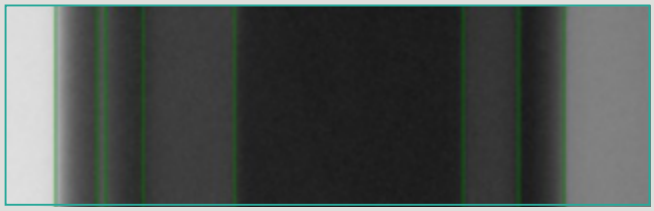
Our X-ray technology is unique, patented and innovative. Our technology has evolved over time to make sure we continuously meet and exceed the needs of our customers. In fact, our XTS Solutions have been trusted by filling companies around the world and are the go-to solution for any new lines or upgraded technology.

Parameters measured

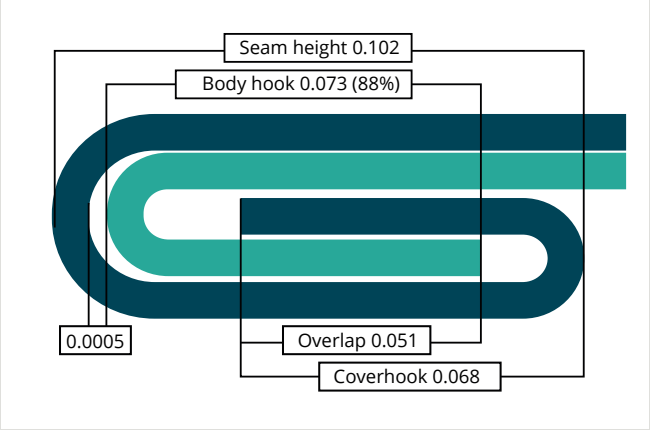
Our technology provides customers with a complete picture of their seam measurements, allowing you to assess: seam height, body hook, cover hook, overlap, seam gap, and % body hook butting.

Additionally, our radial measurements provide the highest accuracy in the way it measures seams and provides a means for wrinkle detection and tightness monitoring.

X-ray technology using radial measurement method



X-Ray projection (radial)



Conversion of X-Ray image to “virtual seam”

Benefits of
XTS Technology

Our patented XTS technology offers an array of significant benefits for any filling line – enabling you to modernize and enhance your double seam inspections, reduce waste, optimize your time and have complete confidence in your measurement, data integrity, and quality assurance.

Saves Time & Money

100% Seam Safety

Increased Accuracy

Certification

Less Spoilage

Fully Automatic Version Available

Our unique
radial measurement

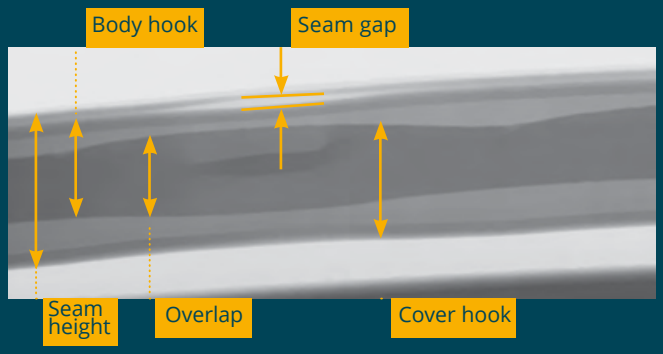
The AUTO-XTS and SEAMscan XTS III both use our unique radial measurement method, instead of a tangential approach.

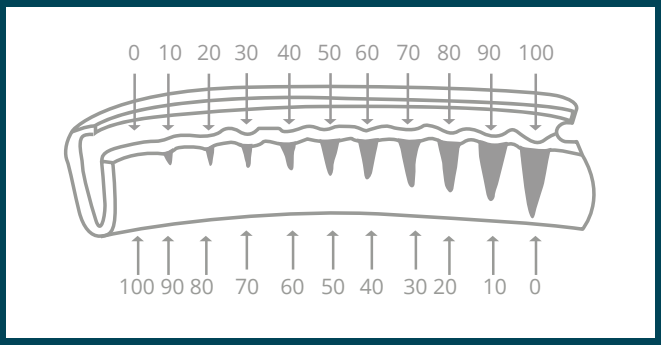
Our distinctive, patented technology provides an objective measurement for seam analysis and allows users to assess wrinkle detection and monitor tightness. Alternative methods, such as tangential measurements, provide a very limited view of seams, whereas radial measurements provide greater information and detail.

Benefits of radial measurements:

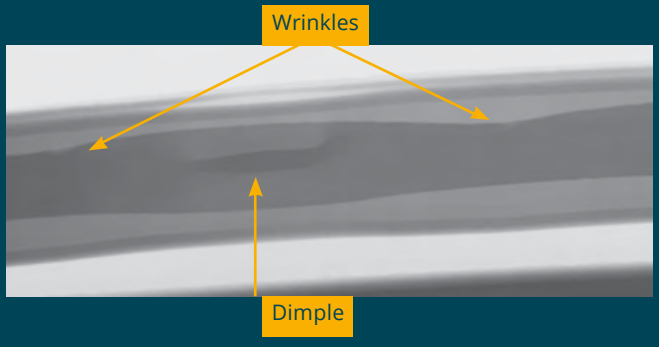
- Single-point measurement provides greater accuracy for wrinkle detection and tightness monitoring
- No misleading views or predictive readings from tangential measurements
- Provides clear analysis in the quality of your seams
- Proven technology that has been continuously adapted to meet industry needs
- Trusted by companies around the world

Radial measurement method

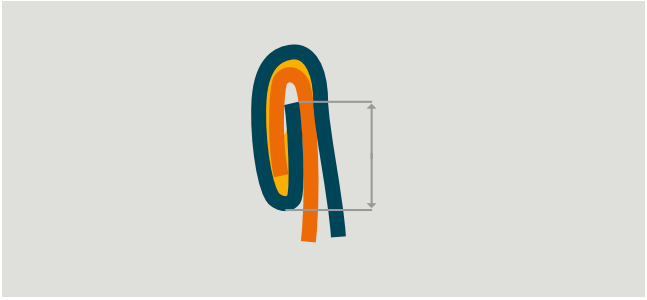




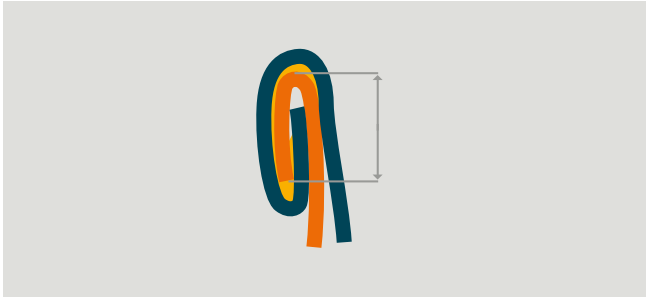
Wrinkle and tightness



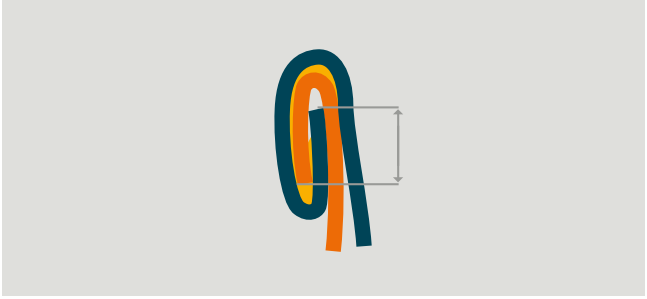
Traditional Video Seam Images



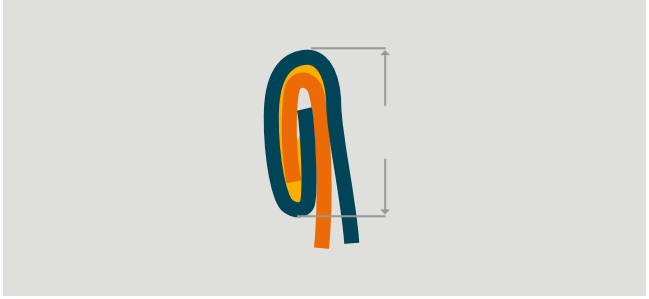
Cover End / Hook



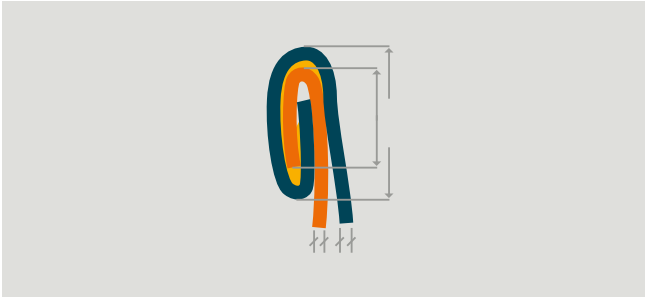
Body Hook



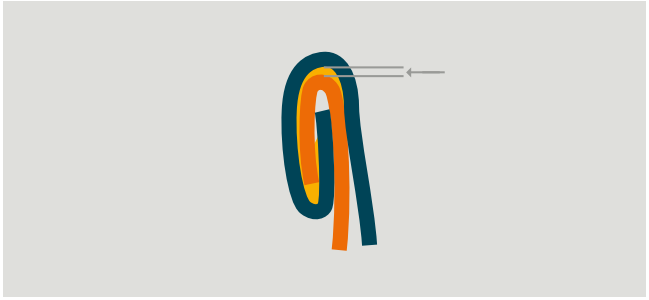
Overlap



Seam Height / Seam Length



Body Hook Butting



Seam Gap

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AUTO-XTS

TheAUTO-XTSisavailablefully-automated through integration with line control or used as a standalone measurement system that provides non-destructive double seam inspection. The AUTO-XTS will increase the accuracy and speed of your inspection processes and reduce spoilage, saving you time and money.

X-ray imaging with the AUTO-XTS

This test and measurement solution combines the internal x-ray seam measurements of the SEAMscan XTS with a second station for external measurements into one robust unit, providing faster inspection results and reduced labor costs.

The proven, patented technology of our zero-waste solution lets you measure cans in a fraction of the time.

Versatile testing

The AUTO-XTS is a versatile testing unit that offers excellent safety features. Its automated process protects users from seam saws, metal burrs or seam teardowns. It allows you to assess: seam thickness, countersink depth, seam height, body hook, cover hook, overlap, seam gap, and % body hook butting.

Additionally, our unique radial measurement provides accurate, single-point measurement allowing users to assess wrinkle detection and monitor tightness.

Watch the AUTO-XTS in action

Height: 2245mm + 50mm adj. feet.
Width: 2375mm. Depth: 1403mm.

Technical features:

- Versatile test and measurement solution, capable of measuring a wide range of seam characteristics
- Automated robot handling system, for a faster and more efficient testing process
- Non-destructive testing
- Trusted by the top 10 global beverage giants for new lines and upgrades
- Visionary QC™ Pro SPC software collects data, which is instantly available for statistical analysis and presented in an easy-to-read and understand touch-screen format.

Smar t

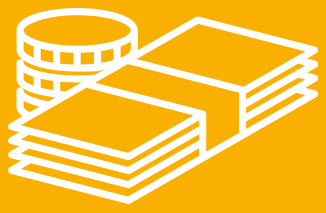
- Full operator independence.
- Seam measurements are fully automatic.
- No need for prior canning experience.

Savings

- Low power is needed for readings. The X-ray source has lower running costs compared to other suppliers.
- A smart investment - no labor costs, and non-destructive testing means that there is no material waste from the seam inspections.
- Supports towards sustainable initiatives.

Safe

- Extremely safe choice for operations.
- Employees are not exposed to seam saws, metal burrs, or seam teardowns.
- The X-ray source is low power (through radial measurement technology).



- Beverage facility, after a change to non-destructive testing .
- 288 cans tested, 350 days per year.
- Customer valuation of the filled can: $1.00 per can.

Cost Saving	Total savings: **$100,000 per year**

- Beverage facility, after a change to non-destructive testing .
- 12 cans tested
- Traditional / destructive method: 35-50 minutes, operator dependent.

Time Saving	Non-destructive method, using the SEAMscan XTS: **15-20 minutes, operator independent**

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Visionary QC™ Software

Whenitcomestodynamicdata collectionandstatistical production analysis software, Visionary QC™ quality control software offers you unrivaled insight into process control.

Automatic email reports

Schedule inspection, seamer head, and other customizable trend reports to arrive in your inbox – sent via e-mail or FTP – with as much information as often as is required. You can even use our QC software to export, import, archive and generate reports without disrupting active inspections, and timely triggered by freely specified events.

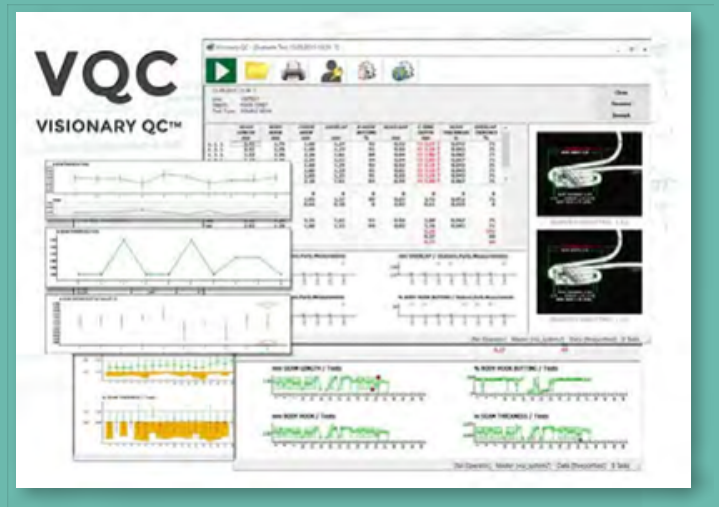
Gauge input plausibility limits

No more false readings with our visionary software! When gauges aren't used properly, Visionary QC™ software alerts you and asks you to repeat the measurement, or it can do this independently by triggering events using our automatic gauges.

Real-time SPC trend analysis

Our statistical process control software enables you to perform visionary plot trend analysis by seamer head on the inspection screen.

Operators and supervisors respond to out-of-spec readings armed with immediate historical data for that head.



Technical features:

- Industry-leading software
- Straightforward QC software data entry
- Dashboard with real-time quality status overview
- Track trends and stats with SPC graphs
- Automatic email notification of any production problems Automatically trigger customized events and actions