



Contamination detection  
and product recovery

Thermo Scientific Product Assurance Services & Solutions

# Detect, recover and protect your brand

The Thermo Scientific Product Assurance Services & Solutions (PASS) service was designed to help companies minimize scrap and rework when physical contaminants are suspected in packaged products on or after products enter the distribution channel.

This rapid-response capability using our most sophisticated inspection and detection technology and a highly skilled team removes this burden from your production line.

The quality of your company's products and your brand reputation are vital in today's market place. Any contamination or non-conformity incident can have a serious effect upon consumers in the short term and upon your company in the long term. When you suspect an incident, the PASS program can help eliminate any product waste by carrying out a full inspection of your products for a wide range of dense contaminants. We are able to detect product damage, missing products and under filled or overfilled packages to ensure that you only supply quality-assured products for maximum product recovery.



## Experience

Benefiting from more than 20 years experience as a market leader in the industry, we have been setting the standard in the field of contaminant detection and product recovery. The PASS program has been fully certified in ISO 9001 since 1999, making the service the first product recovery service to achieve such high standards. This, along with detailed inspection procedures and reporting for full traceability, has led to a number of government and corporate certifications and approvals allowing us to perform under even the strictest conditions.

## Applications

Our X-ray and metal detection systems have been successfully employed to detect ferrous, non-ferrous and stainless steel metals, glass, stone, bone, PVC-based plastics, rubber and a number of other dense contaminants. We are also able to detect product variations such as air voids and under filled packaging as well as product damage, missing components and a range of other quality defects or non conformities.

## Confidentiality

Any inquiry, product tests, inspection work, reports and findings relating to the inquiry or inspection work carried out by PASS is always in the strictest confidence.

## Technology

The program uses the most sensitive and advanced X-ray and metal detection equipment available, often able to detect contaminants below 1 mm. We have access to some of the best known, well established and respected brand name equipment available. Your products can be inspected automatically or manually using a variety of equipment at your facility or at one of our approved inspection facilities.

## Flexibility and speed

To ensure that you receive the fastest, most comprehensive response to your inquiry, suspected contamination or product non-conformity, the PASS program will offer you a free, immediate and totally confidential product evaluation service at one of our inspection centers. We take a flexible approach to the sensitive issues that come with suspected product contamination. We are also able to provide a fast response, convenient and cost effective solution to some of these issues that can arise. This will allow you to get your product back into the distribution chain faster than any other method or process.

## Be prepared

Request a confidential introduction to our PASS capability now so you know where to turn in the event of contaminated product in the future: visit [www.thermofisher.com/pass](http://www.thermofisher.com/pass).

### Detectable contaminants include

- Metal
- Glass
- Plastic
- Rubber
- Stone
- Bone
- Product mass

### Detectable manufacturing faults or defects include

- Missing product
- Broken or damaged product
- Underfilled packaging
- Overfilled packaging
- Inclusion of promotional gifts, or the non inclusion of promotional gifts
- Glass defects, chips or cracks
- Misplaced labels or caps

### Packaging types and products include

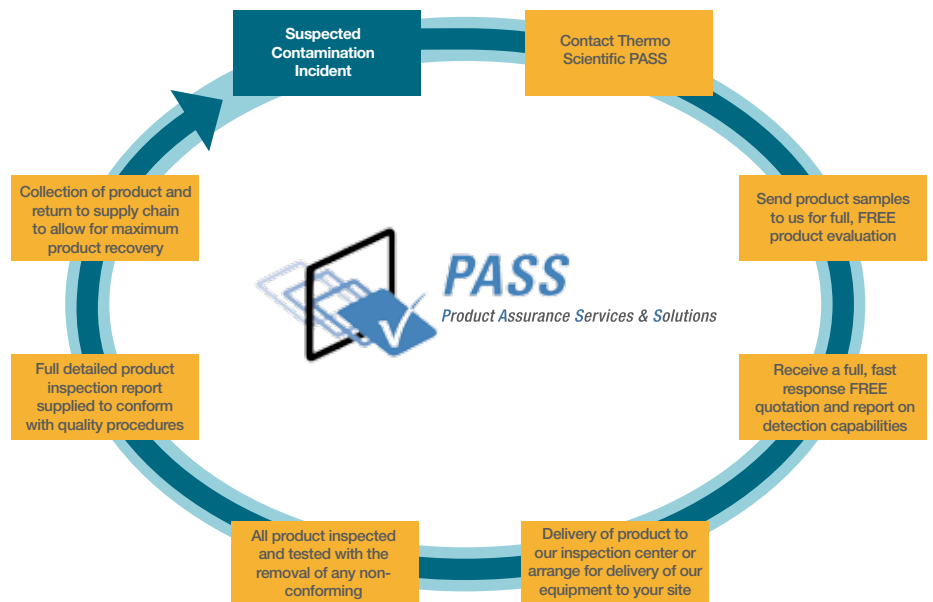
- Metal containers
- Glass containers
- Foil packs
- Cardboard trays or cartons
- Plastic containers
- Frozen products
- Processed foods
- Packaged goods
- Medical disposable products



## Quality

The PASS program is a certified service that offers a full range of documentation. We will always maintain full traceability records for all products inspected or handled. This will allow customers to have full visibility throughout the entire inspection procedure. The documentation used can be adapted to suit your own internal quality procedures. We ensure all quality standards are met when detecting contaminants and recovering your products.

## Industries served include:



PASS provides a certified, quality-assured, fast-response, cost-effective solution to any incident of suspected product contamination or non-conforming product.

## Thermo Scientific Products

**X-ray inspection** – Provides advanced detection of contaminants, missing / broken items and fill height detection

**Metal detection** – High-performance detection of metal contaminants helps you to protect your brands

**Checkweighing** – Our high-speed checkweighers help you control underfill and overfill—maximizing your profits



### X-ray inspection

Thermo Scientific X-ray inspection systems provide complete protection from metal, glass, stone and other dense foreign objects. We provide a range of models from our entry level Thermo Scientific™ NextGuard X-ray system to our high performance Thermo Scientific™ Xpert™ and Thermo Scientific™ POWERx systems.

### Metal detection

Thermo Scientific metal detection systems provide a high level of performance, ease of use and reliability. Our Thermo Scientific™ APEX metal detector product family is designed to provide the highest level of sensitivity with minimal false rejections in a broad range of applications.

### Checkweighing

Thermo Scientific™ checkweighers combine the latest in weighing technology with a variety of weighframes for general purpose applications as well as more demanding, high rate and high accuracy applications.



Find out more at [thermofisher.com/pass](http://thermofisher.com/pass)

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