

Product Inspection



Inspect. Protect. Comply.
Proven Product Inspection Solutions

METTLER TOLEDO



Confidence in Every Product

In today's demanding manufacturing landscape, product inspection solutions are vital for reducing risks associated with physical contamination, packaging errors, and weight discrepancies that can lead to costly recalls and brand damage.

Through early detection, these technologies help boost productivity, combat rising costs, and improve operational efficiency while supporting regulatory compliance. Reliable, fit-for-purpose inspection technology promotes consistent product quality, protects your brand, and increases customer confidence—key factors for long-term business success.

Our proven product inspection solutions empower you to:



Inspect.

Inspect every product with confidence.



Protect.

Protect your brand, profits, and productivity.



Comply.

Comply easily with industry requirements.

► www.mt.com/pi

Turning Challenges Into Solutions

As a trusted product inspection partner, we are committed to helping manufacturers across diverse industries overcome their quality and safety challenges. With decades of experience and extensive expertise, we work closely with you to understand your specific industry and application needs, delivering solutions that meet your operational requirements.

Our comprehensive portfolio addresses key production challenges through advanced technologies.



Physical Contamination Detection



Label Inspection



Integrity Checks



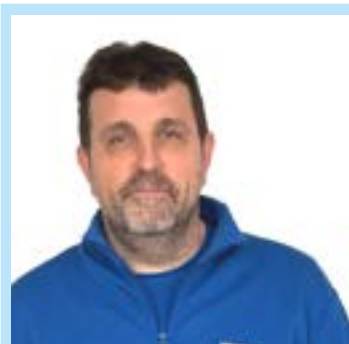
Software Solutions



Weight Control



Global Service



Service Expert Tip:

"With our 24/7 technical support we can resolve more than 80% of problems on the first call."

Angel Sayas, Service Technician

► www.mt.com/pi-service-portfolio





Hear
from our
customers!

Fit-for-Purpose Solutions Tailored to Your Industry

We understand that every industry faces unique challenges when it comes to quality, safety, and compliance. From food and pharmaceutical safety to premium cosmetics packaging and challenging chemical production environments, we offer fit-for-purpose solutions that meet your needs and adapt to your applications.



Food and Beverages

Reduce product waste and the risk of recalls with advanced quality control solutions and comply easily with industry requirements.

► www.mt.com/pi-food-beverage



Pharmaceuticals and Medical Devices

Maintain patient safety and full regulatory compliance with inspection solutions that support zero-defect production.

► www.mt.com/pi-pharma



System Integration and OEM

Integrate systems seamlessly into production lines with our modular designs for optimal performance.

► www.mt.com/pi-oem



Chemicals

Improve product consistency and enhance operational safety in hazardous and challenging production conditions.

► www.mt.com/pi-chemical



Cosmetics and Personal Care

Preserve product shelf life and strengthen brand protection with reliable, high-performing inspection systems.

www.mt.com/pi-cosmetics





Your Trusted Partner

From incoming goods to final packaging, our proven product inspection solutions can easily integrate into any production line.

Our portfolio includes dynamic checkweighers, metal detection, x-ray inspection, vision inspection and combination systems, all of which can be paired with our ProdX™ data and quality management software.

The hygienic design of our inspection systems supports compliance with food safety standards, laws, and regulations. These systems are easy to clean and can be quickly returned to full operation without introducing new hygiene risks.

1

Metal Detection

Reliably detect and reject metal contaminants—including ferrous, non-ferrous, and stainless steel—in both packaged and unpackaged products, to reduce the risk of consumer harm and enhance product safety.

► www.mt.com/metal-detection

2

X-ray Inspection

Detect and reject a range of foreign bodies such as metal, glass, stone, bone, dense plastic, and rubber. Simultaneously perform integrity checks to support consistent product safety and quality.

► www.mt.com/xray-inspection

3

Checkweighing

Accurately inspect every product for net weight, fill level, or package completeness to prevent overfilling and protect profits. Avoid underfilling to meet compliance requirements.

► www.mt.com/checkweighing

4

Vision Inspection

Detect packaging and label errors at the end of production to meet stringent quality standards and avoid the risk of product recalls.

► www.mt.com/vision-inspection

5

ProdX™ Data Management

Save time and money while securing data with centralized inspection management software that automates data collection, monitoring, and reporting to support food safety and compliance.

► www.mt.com/prodx

6

Combination Systems

Combine checkweighing with metal detection, x-ray, and vision inspection to streamline production and meet quality and safety standards.

► www.mt.com/pi-combination-systems

Product Safety

Proven Contamination Detection Solutions

Product safety and quality are paramount, making contamination detection a critical step in protecting consumers and preserving brand integrity. Physical contaminants can enter production at various stages, posing significant risks such as product recalls, legal issues, and harm to consumers.



Our proven contamination detection solutions reliably detect foreign bodies at every stage of production—from incoming goods and in-processing to end-of-line inspection. Our metal detection and x-ray inspection systems help you deliver safer, high-quality products, and easily comply with industry requirements.

Metal detection systems inspect products for metal contaminants. Our portfolio includes tunnel and throat metal detectors, as well as gravity fall, pipeline, pharmaceutical and conveyorized systems.

X-ray inspection systems detect physical contaminants regardless of their shape or location in the pack. They handle non-packaged, bulk, pipeline, and packaged products, including difficult-to-inspect applications like glass-in-glass containers and canned goods.



► www.mt.com/pi-contamination-detection



Service Expert Tip:

"A proactive maintenance approach helps prevent recalls, save costs, maximize uptime and achieve compliance."

Andrea Frascoli, Service Technician

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Product and Package Integrity

Where Innovation Meets Reliability

Perfect products and packaging are not just expected, they are essential to protect your brand and avoid costly recalls. Our dynamic checkweighers, x-ray, and vision inspection systems verify that every product is complete, correctly filled, undamaged, and accurately labeled.



Integrity Checks

X-ray and vision inspection systems conduct comprehensive product quality and integrity checks, including verifying completeness, identifying missing or broken items, and detecting packaging defects.



► www.mt.com/pi-integrity-check



Weight Control

Dynamic checkweighers and combination systems monitor weight, fill levels, and completeness in real time at high production speeds. They prevent costly overfilling and uphold compliance with net weight regulations and the 'e' mark standard by avoiding underfilling.



► www.mt.com/pi-weight-mass



Label Inspection

Vision inspection systems use smart or PC-based cameras combined with advanced algorithms to detect label errors and missing information before products leave the production line.



► www.mt.com/pi-label-inspection



Service Expert Tip:

"We understand the importance of audits, and with our extensive knowledge and performance verification services, we help you easily meet these requirements."

Matteo Rosetti, Service Technician

► www.mt.com/pi-service-portfolio



Why Choose METTLER TOLEDO Product Inspection?

Our proven product inspection solutions enable you to inspect your products with confidence, protect your brand and profits, and easily meet industry requirements.



More than a Supplier

With decades of expertise, we are your trusted partner—delivering not just a product, but a genuine collaboration.



www.mt.com/global-presence



Turning Challenges Into Solutions

Our fit-for-purpose solutions solve complex inspection challenges across a wide range of industries, supporting product quality and safety.



www.mt.com/pi



Global Reach, Local Support

Our global service network delivers local expert support throughout the lifecycle of your product.



www.mt.com/pi-service-portfolio



Embracing AI

We continuously develop AI-enabled innovations, including smart algorithms, to help future-proof your production.



www.mt.com/pi-ai



Commitment to Sustainability

Through our GreenMT program, we focus on reducing our environmental impact in alignment with responsible business values.



www.mt.com/sustainability



Test Before You Invest

Make informed decisions by experiencing our solutions firsthand with live demonstrations, demo vehicles, product testing, and rental options.



www.mt.com/pi-test-before-invest

Inspect. Protect. Comply.

Proven Product Inspection Solutions

METTLER TOLEDO offers fit-for-purpose product inspection solutions, including dynamic checkweighing, metal detection, x-ray inspection, and vision inspection systems.

We help manufacturers inspect every product with confidence, protect their brands, profits and productivity, and help them to easily comply with industry requirements. Our global experts help you select the best solutions for your needs, while our regional manufacturing sites and distribution hubs enable efficient delivery times.

For detailed information and to explore our full portfolio, download our Product Catalog.



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For more information

METTLER TOLEDO Group

Product Inspection

Local contact: www.mt.com/contacts

Subject to technical changes.

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