

Fully Integrated Solutions tailored to suit your needs

Whatever your inspection needs, we can provide either stand-alone or fully integrated bespoke systems to address the challenge.

Market leading global brands

The Garvens and Safeline brands combine to give the most comprehensive product inspection range of equipment with solutions for checkweighing, metal contaminant detection and x-ray inspection.

Checkweighing

A part of the METTLER TOLEDO group since 1986, GARVENS is one of the world's leading manufacturers of dynamic weighing systems. Our systems can ensure 100% quality control and give you total peace of mind.

Metal Detection

Safeline has long been the undisputed global market leader in metal detection technology. Since joining the METTLER TOLEDO group in 1996, Safeline have continued to dominate this important inspection market sector.

X-Ray Inspection

Since joining the METTLER TOLEDO group in 2002, Safeline X-Ray Inspection has rapidly grown its range of innovative solutions using cutting edge x-ray technology. These systems provide the means to detect the broadest ranges of contaminants possible.

GARVENS

Checkweighing



SAFELINE

Metal Detection



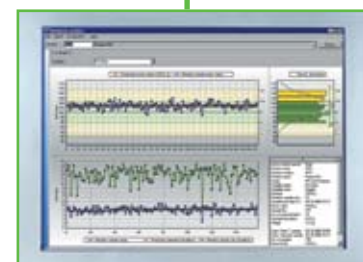
SAFELINE

X-Ray Inspection



Unrivalled connectivity options...

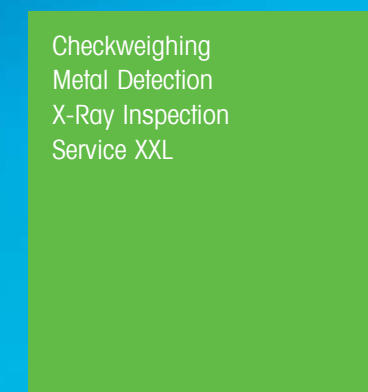
The full range of METTLER TOLEDO PI products can be further integrated using state of the art communications software packages facilitating greater control and traceability in all of your processes. Equipment is compatible with Mettler Toledo's innovative **FreeWeigh.net** package, **Safeline Explorer** and the **GARVENS ReAct** systems. In addition, all equipment can be linked to a wide range of other market leading data acquisition or factory management/SCADA systems such as InTouch, RSView, Intellution and Matrikon.



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Product Inspection



GARVENS

Checkweighing

SAFELINE

Metal Detection & X-Ray Inspection

Total Product Inspection Solutions for processing and packaging

Focused on the key aspects of industrial product inspection, the METTLER TOLEDO PI division is the market leader in its field. We are a well resourced business committed to innovation and new developments, dedicated to serving the needs of our customers by addressing their challenges of today and in the future. As part of a global business we are able to draw on a wealth of industry experience developed by working in true partnership with our customers worldwide.

Solutions for all markets

Experience gained over many years in the broadest range of industries and applications mean that we have an extensive array of solutions and technologies at our disposal. Our product range includes dynamic checkweighers, sophisticated metal contaminant detectors and cutting-edge x-ray based inspection technology. Whatever your processes or industrial sector, we have solutions to benefit your business and maintain your competitive edge.

The food industry

We can provide solutions for all packaging and processing aspects of the food industry. Applications include the weighing and inspection of wet, dry, fresh and frozen food stuffs in all food sectors. We can also help your business to comply with legal requirements, industry guidelines and codes of practice including IFS and BRC standards.



The pharmaceutical industry

Our solutions for the pharmaceutical industry include weighing and inspection technology for tablets, capsules, powders and insert documentation. We can also provide assistance in meeting the demands of GMP and our equipment is compatible with CFR 21 part 11 requirements.



The cosmetic and chemical industries

We can provide solutions for the inspection, weighing and sorting of products from bulk liquid, powder and granular chemicals through to small consumer packs such as healthcare products, toothpastes, lotions and detergents.

Non-food and non-pharma industries

Our solutions can also be applied to a wide range of other applications including inspection in paper converting, textiles and component manufacture. We can also provide systems to determine piece count by weight, for example, nuts and bolts for D.I.Y markets and the weighing and rejection of out-of-tolerance coin blanks prior to embossing.



www.mt.com/pi

Visit for more information

Breadth of experience, depth of capability
for complete product inspection solutions

METTLER TOLEDO

You name it we can weigh it.



The Garvens X3 Food MD integrated checkweigher and metal detector for the food industry

- Innovative solutions with high accuracy and reliability
- Simple 'policeman' function for end of line monitoring
- Automated Fill-control/product monitoring feedback and adjustment
- Advanced statistics package with automatic TU-1 percentage control
- Waterproof sealing up to IP69K standard
- Optional automatic servo-feedback, remote control operation and network connectivity
- Unique PrintStick system for secure data transfer to remote computers

User-friendly display

Intuitive operator interfaces make setting and adjustment quick and simple. This helps to minimise down time during product change-overs and maximises line efficiency.

Perfect product transport and monitoring

Whatever the size and shape of your product, our conveyors ensure safe, efficient transportation. The use of monitoring sensors can detect out of position or inconsistent packs avoiding product backup or jamming in downstream machinery.

Reduced giveaway with feedback control solutions

Ensuring your finished product complies with weights and measures legislation without over-filling is essential for the success of your business. Optional feedback control systems can analyse trend data and provide "real-time" adjustment of filling machines to minimise give away.



Designed for you

State of the art technology combines easy to use touchscreen, industry standard electronics and variable speeds – so you name it we can weigh it.



Over 1000 products per minute

The high-performance GARVENS Chain Checkweigher for optimum production flow and maximum hygiene (HACCP and IFS compliant).



From statistical reporting and data security to control of your processes.

Choose the right tools and improve your connectivity as a basis for production documentation and traceability.



Metal contamination we can find it.



The Safeline Tablex designed for pharmaceutical applications

- Maximum detection sensitivity
- Detection of all metal contamination including non-magnetic stainless steel
- Easy setting for maximum uptime
- Built in condition monitoring and validation routines
- Compliance with legislation and industry standards
- Flexible connectivity options
- Optional IP69K sealing available

Total peace of mind

Rest assured that you have the best systems in place to detect and reject contaminated product. Safeline metal detectors detect all metal contaminants including non-magnetic stainless steels.

Maximum line efficiency

Future proof systems incorporating intuitive operator interfaces for easy set up, minimum downtime and maximum plant efficiency.

Customised to suit your needs

Industry expertise and a full appreciation of your needs ensures systems are tailored to address your challenges and fulfil your requirements now and in the future.



Conveyorised applications

Detection and rejection of metal contaminated product either in-process or at the end of the packing line.



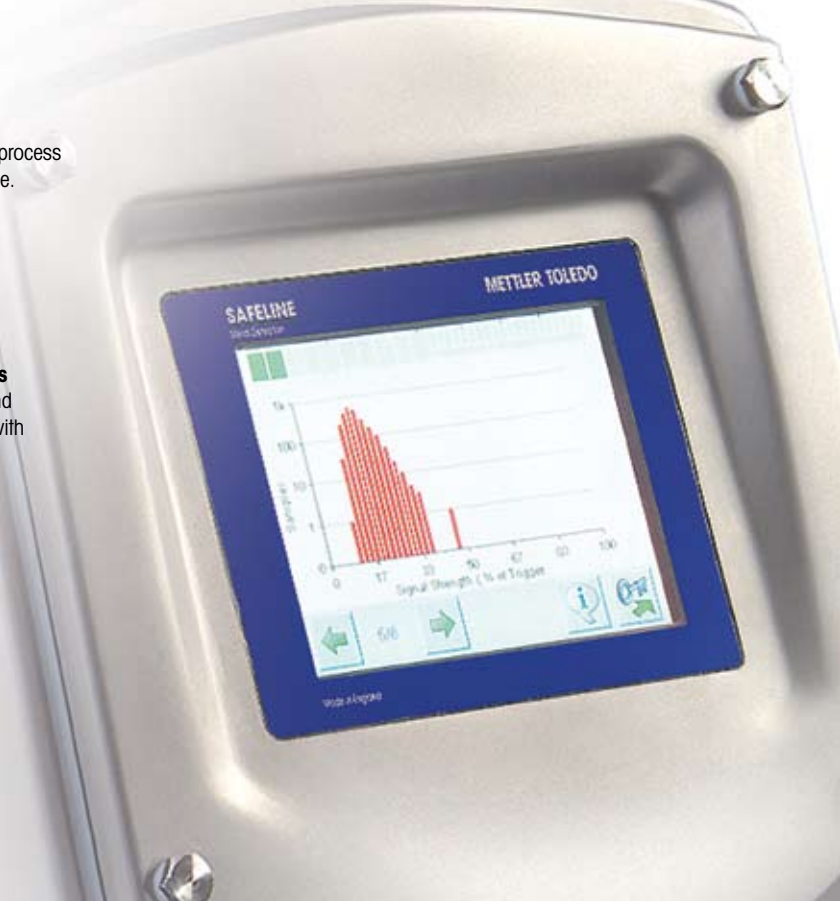
Systems for liquids and pastes

Inspection of liquids, slurries and pastes in the process pipeline with a wide range of valves to reject contaminated product.



Bulk gravity fall and vertical packaging systems

In-flight inspection of powders, granular, small piece part and packed products.



X-Ray inspection whatever the product or packaging material



The Inspirex Series 10 x-ray inspection system

- Effective detection and rejection of dense contaminants
- Metal, Glass, Stone, Bone & high density plastics/rubber
- High speed inspection capability
- Low maintenance designs and robust construction for use in harsh environments
- Highly accurate mass and zoned mass verification
- Flexible connectivity options

Low energy technology

The use of our low energy inspection technology and high performance image processing ensures maximum detection resolution is delivered.

Innovative detector array design

Unique detector array designs offer enhanced detection of contaminants which are traditionally difficult to find including irregular shaped contaminants such as wire, metal slivers and swarf.

User friendly operator interface

A range of easy to use operator touch screens incorporating windows style icon driven displays and Microsoft windows XP technology.



Conveyorised applications

A compact range of x-ray inspection systems with integrated conveyors provide high speed contamination detection whatever the size, shape or packaging material.



Pipeline and bulk flow inspection systems

Automatic inspection systems for liquids, pastes, slurries, bulk powders and granular products. Systems include a unique motorised in-line calibration facility.



Unique GlasChek technology

End of line identification of glass contamination in glass bottles and jars.



Service XXL designed to meet your needs



Comprehensive IPac and EQPac performance validation documentation

- Comprehensive technical support from field based engineers
- Consistent service for metal detection, x-ray and checkweighing
- Full product repair and spare parts service
- Tailored agreements to meet your needs
- IPac and EQPac equipment performance verification audits
- Technical help desk

Multiple level contracts

Platinum, Gold and Silver level packages offer fixed benefits. Alternatively, design the package to suit your specific needs with our tailored service packages.

Field based local engineer network

The most comprehensive network of field based technicians and engineers for rapid local service.

Equipment installation and performance verification packages

Maximise the performance of your equipment from day one with our unique installation, commissioning and regular audit packages.



Certified test samples and weights

A comprehensive range of certified contaminant test samples and weights to aid your equipment qualification and performance verification.



Modular training programmes

Maximising the benefits of your investment by the development of operator skills, with bespoke training courses to suit all skill levels.



Genuine spares at your disposal

METTLER TOLEDO high-quality spare parts and customised spare part kits available for express despatch.

Service XXL Tailored Services

