Product linecard

Product inspection solutions
For food, pharmaceutical, and consumer products.

For more than 75 years, Thermo Scientific™ product inspection solutions have been helping companies protect the safety and quality of their packaged and unpackaged products. From the consistent accuracy of our checkweighers, to the sensitivity of our metal detectors, to the detection performance of our X-ray systems, our solutions are proven effective and expertly tailored to your application. Maximize uptime with a range of service and support options.

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

- Inspect any type of packaged, bulk, or piped product. Options for product handling, rejection, and application specific inspections. Models for extreme washdown.

- Software for contaminant detection, mass measurement, fill level, product integrity (missing/broken product), and many other inspection tasks. Customized software is available.

- Easy-to-use, touchscreen-driven systems for quick setup, product changeover, record storage, and root cause determination.

Metal detection
The Thermo Scientific™ Sentinel™ Multiscan Metal Detector utilizes an innovative new technology to overcome the limitation of fixed single or dual frequency metal detectors that can miss metal contaminants hidden in product signals. Our Thermo Scientific™ Sentinel metal detector product family is designed to provide the highest level of sensitivity with minimal false rejections in a broad range of applications.

- Detection in packaged, bulk, piped, and pharmaceutical products. Options for extreme washdown, conveyor systems, vertical fall, pipeline, and other applications.

- Hundreds of standard head styles, plus custom apertures and systems.

- Thermo Scientific™ AuditCheck™ performance verification system alerts users to potential problems.

- Proprietary Intellitrack XR (IXR) software cancels product signals in challenging wet applications.

Checkweighing
Our Thermo Scientific™ Versa checkweighers combine the latest in weighing technology with a variety of weighframes for general purpose food, pharmaceutical, and consumer products applications as well as multi-lane, high rate, and high accuracy applications.

- Thermo Scientific™ Global VersaWeigh™ checkweighers are easy-to-use, easy-tomaintain, robust, and scalable systems.Built on 50 years' experience with legacy brands Ramsey/Icore. Accuracy equal to, or better than, market requirement standards.

- Models for pharmaceuticals are 21 CFR 11 compliant.

- Combination systems with with metal detectors or x-ray inspection, washdown, dual lane, warehouse, and custom-designed systems.

- Modern interfaces feature options such as communication protocols and filler feedback for complete line integration.

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Combination systems

Our combination systems are designed to provide a wide range of weighing and contaminant detection capabilities in a smaller footprint. By combining leading metal detection, or x-ray inspection, technologies with flexible checkweighing solutions, space requirements are minimized, and data reporting and controls are integrated into a single user interface.

- Space savings and budget savings.

- Choose from metal detectors or x-ray inspection to combine with checkweigher.

- Wide range of checkweigher belt widths and lengths to fit your production line.

- Dual rejecters separating foreign objects from over/under weights to facilitate root cause problem determination.

Service and support

We offer a variety of high-quality, timely, and cost-effective service solutions that can be tailored to your needs. Our services are designed to protect your brand – we offer service solutions that meet or exceed regulatory, corporate, and quality standards.

Partner with the industry leader in service

When you partner with us for service, you protect your equipment and ensure peace of mind. A service partnership empowers you to remain focused on your goals while we provide the training, maintenance, and support to keep your equipment running smoothly.

- Remote technical support for fast support when needed.

- Training and consultancy for maximum productivity.

- Certified parts availability to keep systems at peak performance.

- Access to a global network of factory-trained service engineers.

- Preventive and field maintenance services to maintain equipment health.

System upgrades and conversion kits

With an installed base of thousands of systems worldwide, we continually work with customers to upgrade our products and extend the life of their investment. We work with you to evaluate systems for opportunities to modify and utilize existing equipment in new applications.

Importance of preventive maintenance

Proactively maintaining your system with preventive maintenance is vital to accuracy and longevity. Safeguard against lost productivity and unexpected downtime with a service plan that provides technical support and instrument diagnosis, repair services, training, and other value-added services to meet your business needs.

Our product inspection equipment preventive maintenance plans include:

- Regular, scheduled care for optimal system performance.

- Complete safety checks.

- Replacement of consumable parts.

- Reviews of instrument accuracy.

- Guidance from a highly knowledgeable service team.

Find out more at **thermofisher.com/productinspection**

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