Confectionery

Product Inspection Solutions
Ensuring Product Quality
Confectionery Inspection
Optimizes Production Processes

Confectionery manufacturers require equipment which will maximize output, minimize costs and enhance production processes. With demanding customers, strict regulations and industry standards to maintain, manufacturers require a product inspection provider with proven competency and reliability. METTLER TOLEDO understands the challenges you face in the confectionery industry:

Regulatory Compliance
Manufacturers need a partner who can help them adhere to local government regulations, industry standards and customer specifications. In addition, the product inspection equipment supplier needs to assist the manufacturers in meeting the auditors’ requirements and provide support in proof of due diligence. Equipment provided must also be designed to meet the necessary hygiene standards and manufacturer’s cleaning regimes, such as the removal of sugar dust which can cause abrasion and corrosion to machinery.

Ensuring Quality
Manufacturers need inspection equipment to verify that their products are contaminant free and of the highest quality, ensuring consumer satisfaction and protection of their brand. This equipment may need to be able to handle confectionery with delicate surface coatings or packaged in a range of materials.

Maximizing Profits
The product inspection equipment provider needs proven reliability and a comprehensive service engineer network to help ensure minimal downtime. Equipment needs to be stable and reliable at high speeds to maximize output and line efficiency. Product giveaway also needs to be closely monitored and controlled to reduce waste and increase profits.
Helping You Achieve Regulatory Compliance

The Challenge

Manufacturers require product inspection equipment which enables a thorough, comprehensive cleaning regime and assists in the application of HACCP programmes. It needs to comply with recognized industry standards, and packaging legislation while offering full traceability and connectivity solutions. Manufacturers need to consider:

- Regulations, Standards and Customer Specifications
- Hygienic Best Practice
- Traceability Requirements
- Connectivity Solutions

The Solution

Regulations, Standards and Customer Specifications
METTLER TOLEDO has extensive experience in supporting customers to meet product inspection regulations, standards and customer specifications. Metal detectors and x-ray inspection systems are suitable for installation at critical control points (CCPs) as part of a comprehensive HACCP program, helping manufacturers prepare for industry audits.

Hygienic Best Practice
METTLER TOLEDO’s machines offer sealing up to IP69K standard enabling adherence to demanding hygiene requirements. Sealing protection, open frame designs and rounded surfaces ensure simple and effective sanitation helping to eliminate bacterial contamination and protect your brand.

Traceability Requirements
METTLER TOLEDO’s equipment has a unique user sign-in and event log system documenting the change of users, products and settings. Providing full traceability, these systems assist in the fulfilment of manufacturers’ auditing requirements.

Connectivity Solutions
METTLER TOLEDO HI-SPEED and METTLER TOLEDO SAFELINE offer connectivity solutions enabling product inspection equipment to be fully integrated with data collection devices and factory management systems, enabling data collection from multiple systems at one central control point. Benefits of remote monitoring, management and data collection to prove due diligence can be achieved using Ethernet communications.
Product Inspection Equipment
Ensures Quality

The Challenge
Confectionery manufacturers require product inspection equipment which verifies that only high quality, contaminant free products leave the factory, ensuring customer satisfaction and brand protection. Product quality can be checked by inspecting for:

- Contamination
- Underweight or Overweight Products
- Broken, Missing or Malformed Products
- Product Trapped in the Seal

The Solution

Contamination
METTLER TOLEDO SAFELINE offers solutions for the detection of all metals (including stainless steel), glass and other dense contaminants, even when the product is packed in metallized film or aluminum foil.

Underweight or Overweight Products
Product weight can be precisely controlled with METTLER TOLEDO HI-SPEED checkweighing equipment, eliminating both overweight and underweight products. This verifies that all products are within the required weight tolerances, minimizing costly product loss and ensuring adherence to packaging industry standards and legislation.

Broken, Missing or Malformed Products
METTLER TOLEDO SAFELINE x-ray equipment can ensure product quality by checking for broken, malformed and missing products. This can be achieved even when product is packed in multiple layers and processed at high speeds.

Product Trapped in the Seal
METTLER TOLEDO SAFELINE x-ray inspection equipment can verify that product is not trapped in the packaging seal, ensuring only fresh product leaves the factory.
High Performance Production
Maximizes Profit

The Challenge

Saving minutes, or even seconds during product set-up and changeover directly increases manufacturing output. Reducing product loss while minimizing downtime helps ensure efficient production processes and increases profit. Manufacturers require:

- Reliable Equipment
- Reduced Product Waste
- Ease of set-up and simple product change over
- Variable Speed Detection

The Solution

**Reliable Equipment**
With over 100,000 installations worldwide, METTLER TOLEDO’s product inspection equipment has proven reliability and is supported by a range of services to prevent equipment failure. A 24/7 support line, a comprehensive service engineer network and overnight parts delivery help to minimize costly production downtime.

**Reduced Product Waste**
METTLER TOLEDO provides consistent, accurate equipment which minimizes false rejects and reduces product loss. Equipment for monitoring product weight and providing automatic feedback to filler machines offer further cost savings and can provide a rapid return on investment.

**Ease of set-up and simple product change over**
METTLER TOLEDO offers equipment capable of inspecting multiple products, removing the need for operator intervention. All equipment is designed with automated changeover capabilities, eliminating the need for product set-up during changeover and maximizing production uptime.

**Variable Speed Detection**
METTLER TOLEDO HI-SPEED’s and METTLER TOLEDO SAFELINE’s unique variable speed detection capabilities handle changes of line speed without interrupting inspection. Since no re-setting is required, uptime and throughput are maximized.
A Worldwide Network of Service Expertise

METTLER TOLEDO offers a full range of standard or customized service contracts, enabling you to select the type of agreement which best suits your application and production requirements.

Local Engineers
The most comprehensive network of field based technicians and engineers ensure rapid service.

Equipment Installation and Performance Verification Packages
Obtain the optimum performance of new equipment through our comprehensive IPac qualification package which ensures optimal performance while providing an immediate return on investment.

Modular Training Programs
Maximizing the benefits of your investment through the development of operator skills, with customized training courses to suit all skill levels.

Spare Parts at your Disposal
Spare parts and customized spare part kits are available for express dispatch.

Certified Test Samples and Weights
A comprehensive range of certified contaminant test samples and test weights to aid equipment qualification and performance verification.