ABOUT US

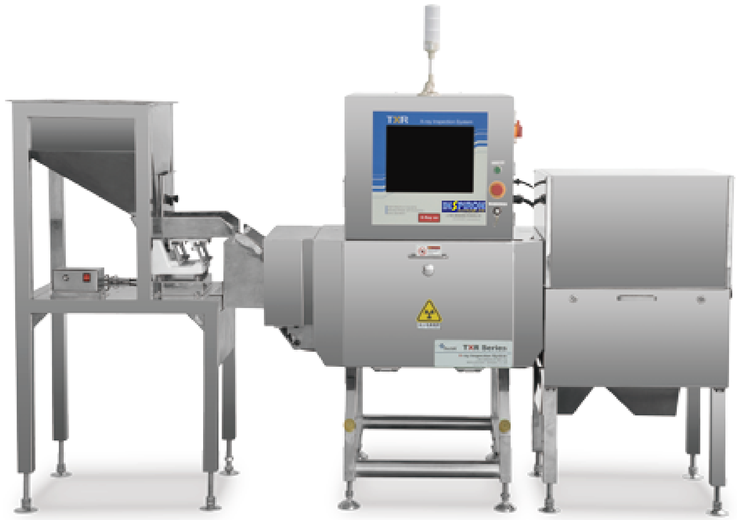
INSPIRON SYSTEMS LTD are leading suppliers of Weighing Labelling and Inspection systems and we have over 40 years experience in this field.

We are market leading suppliers of systems that will help improve your production process, increase efficiency and reduce your overall running costs.

Whether you have a small production facility or a have multiple factories across the country, we are able to provide you with the perfect machinery to suit your needs, ensuing reliability, low cost of ownership and longevity.

In addition to our machinery range, we have factory software solutions for all industry sectors and our software can be configured to suit your own requirements. Our Software solutions include collating Production data from various machine manufacturers, Paperless QA System, Stock Control, Despatch and Full Factory Control; all used to streamline your production and provide you with data at your fingertips, when you need it.

INSPIRING END OF LINE SOLUTIONS



WHY BUY FROM US?

We are a privately run independent family business and work with leading manufacturers to supply you with the best machinery to suit your application and your company, giving you a return on your investment. We are a technical biased company and work with some of the biggest Food, Drink and Pharmaceutical companies in the UK and have a proven track record of delivering high quality machinery and providing first class after sales support.

INSPIRON SYSTEMS LTD

CHECK IT

WEIGH IT

LABEL IT

CONTACT US :

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CHECK IT

X-ray Inspection Systems take advantage of the penetrating power of X-ray to detect contamination.
It can achieve a full range of contaminants inspection including metallic, non-metallic contaminants (glass, ceramic, stone, bone, hard rubber, hard plastic, etc.). It can inspect metallic, non-metallic packaging and canned products and the inspection effect will not be affected by outside influences such as temperature or humidity.

Features of an Inspiron X-Ray System:

- Operator Friendly and easy to setup and manage
- Auto learn function
- Colour Touchscreen
- IP rating up to IP69K
- Hygienic design for easy clean
- Low Maintenance
- Sealed Structure to avoid dust
- Automatic Reject options

Features vary dependent on model

We also have a small range of label vision inspection equipment

X-RAY SYSTEMS

BENEFITS INCLUDE:

- Great detection of ferrous, non-ferrous and stainless steel metal contaminants
- Reliable detection of bone, stone, dense plastics and other foreign bodies
- Accurate inspection of products in aluminium trays or metallized foil packaging
- Detects stainless steel and non-ferrous in food packed in aluminium trays and foil packaging
- Check the quality of products being scanned
- X-Ray systems can simultaneously inspect the quality of packaged goods such as missing items or damaged items such as broken tablets

CHECK IT

We have a wide range of Metal Detectors to suit both Food, Pharmaceutical, Textile and Recycling industries.

Our Metal Detector range includes Belt Metal Detectors, Pipeline Metal Detectors and Metal Detectors for Pharmaceutical.

Our MD range can be used standalone or integrated with a Checkweigher and compliant to all Supermarket COP.

With high accuracy, simplicity, reliability, and performance you can be assured that metal contaminants are detected and rejected every time.

For QA purposes all product passed through the Metal Detector are recorded for further analysis. Our Metal detectors come with a choice of Aperture sizes and Reject devices, such as: Flipper Reject, Air Jet Reject, Pneumatic or Retracting Conveyor Reject.

METAL DETECTORS

Features of an Inspiron Metal Detector:

- Automatic Product Learning
- Product database
- High Sensitivity
- BRC | Supermarket Compliant
- Dual Frequency (Ideal for increased sensitivity)
- Colour Touch-screen Display
- Phase adjusting technology
- Select Metal Detectors can be connected to our Checkweigher range, giving you a flexible and space saving Checkweigher Metal Detector Combination System

Features vary dependent on model

WEIGH IT

Inspiron Systems Ltd can supply you with a varied number of industrial Weighing Systems. We supply Checkweighers, Bench Scale, Retail Scales all the way up to Floor Platform Scales.

All of our Checkweighers can be configured to suit your application, no matter what industry sector you are in.

Our Checkweighers are built with our customers in mind; high quality, robust, reliable, easy to use, low maintenance and with a long service life.

We also have a number of Combination Systems, from Entry Level weighing all the way up to Full Supermarket Specification.

A combination machine has a metal detector pre installed in the same unit, making it a worthwhile investment for factories with limited floor space.

FEATURES OF AN INSPIRON CHECKWEIGHER:

- Scale Capacity from 2g - 100kg
- Protection up to IP69K
- Automatic Reject for non-conforming products
- Lockable Reject Bin
- Colour Touch-screen Display
- Embedded Windows operating system
- SQL Server Database System OR Weighing Records saved to USB or Network
- Speed of up to 200 pieces per minute
- Stainless Steel Construction
- Low Maintenance
- User friendly

Features vary dependent on model

BENEFITS OF OUR INDUSTRIAL CHECKWEIGHERS

- BRC Standard - can be upgraded to supermarket compliant
- Reduce product giveaway
- Avoid under filling
- We provide Operator, QA, and Engineer training
- Payback on checkweighers can be easily calculated and they often pay for themselves in a matter of months
- You can provide reliable data for quality assurance
- Automatic scales are best suited to industrial production lines – sample based and manual checkweighers require lots of operator intervention time

LABEL IT

OUR LABELLING SYSTEMS

- **Label applicators.** Also known as labelling machines, label applicators are used to apply labels to the surface of a product or its packaging.

- **Print apply systems.** These advanced systems will create labels then apply them directly to a product, merging the two processes of printing and labelling into one

- **C/D wrap labelling machines.** Both C and D wrap labels are often used in the food industry.

- **Weigh price labellers** (manual and automatic). Weight price labellers are a highly advanced type of machine to label packaged products that are priced by weight. Industrial machines can work at speeds of up to 140 packs per minute, using Industry 4.0 and IoT technology.

- **Outer case labelling applicators.** Outer case labelling applicators will give you more flexibility to print labels and barcodes onto bulk products and boxes. Automatic OCM's are capable of speeds up to 45 weighing's per minute and Manual OCM's can print onto labels or card.

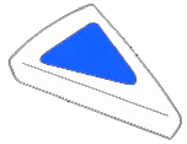
LABELLING SYSTEMS

We have a complete range of Labelling Systems to suit almost every application. Whether you are labelling food packs or bottles we have the perfect solution. Our range of Labelling systems suit small independent own brand companies up to multi-national companies supplying some of the biggest supermarkets in the world. Our Labelling systems are designed and manufactured for high usage, reliability and ease of use ensuring you can always fulfil your orders and in a cost effective way.

WHAT WE SUPPLY:

- Semi Automatic Labellers
- Automatic Top / Bottom Labellers
- Automatic Wrap Around Labellers (C / D Labellers)
- Automatic Bottle Labellers
- Automatic Side Labellers
- Automatic Front and Back Labellers
- Automatic Corner Wrap Labellers
- Custom Labellers to suit specific applications

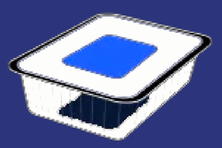
TYPES OF APPLICATION



Cheese labelling

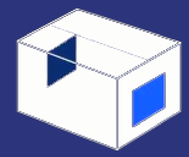
Sausage labelling

Bottle labelling



Top & Bottom labelling

Jar labelling



Side labelling

ESPERA WERKE

We are proud to represent the renowned German manufacturer ESPERA-WERKE GMBH, distributing their complete product range across the UK and Ireland.

ESPERA specialise in the design and manufacture of Weigh Price Labelling Systems. ESPERA have been manufacturing Weigh Price Labelling machines since 1923 and are a world leader in this field.

Inspiron Systems Ltd can supply you with a simple entry level Weigh Price Labeller up to a Fully Automatic Weigh Price Labelling Robot, with Multiple Printers and control.

KEY FEATURES OF OUR ESPERA RANGE

- Easy to Use
- Excellent Label Placement
- High speed Performance
- Real-time label visualisation to control print quality
- Reliable using IoT and Industry 4.0 Technology helps prevent and reduce downtime
- Fully Automatic setup without operator intervention meaning changeover takes seconds
- Fast Label Change – change label rolls in under 10 seconds
- Predictive Maintenance Dashboard- shows parts that are due to be changed and monitor and shows the machine OEE.

With product solutions for food processing, ESPERA covers all the areas of the food industry - from meat to fish, poultry to dairy products as well as fruit and vegetables. The machine solutions always offer full flexibility in terms of performance, automation and network connectivity.

ESPERA also creates Software for Weigh Price Labellers, Print Apply Systems and Traceability.

ESPERA software solutions optimise the internal data workflow and can be integrated independent of which system technology is in use.

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