

Innovation  
Commitment  
Experience  
Precision  
Knowledge  
Quality  
Performance



### Working with you every step of the way

Our extensive R&D investment is directed at meeting the challenges of the fast-changing food industry around the globe.

We aim to support our partners fully, from the very start of the buying process, and you will find many equipment brochures, visual animations and case studies available on our website. When you are ready to make contact, a well-resourced network of Ishida companies, distributors and agents, extending across Europe, the Middle East and Africa, can provide advice and organise demonstrations and trials.

Installation is rapid and efficient. For integrated packing lines, we use proven project management techniques and methodologies, tuned to your key objectives and specifications.

A dedicated pan-European service engineering team helps to maximise the performance, functionality and reliability of our installed base. In addition, spares facilities are strategically placed throughout the territory, offering 24-hour delivery in most cases.

## Quality Control

### Product inspection: a key safeguard of both profit and reputation

Today, computers and networks help to make production and packing line data more available and more useful than ever before.

At the same time, belief in the value of brands, and particularly brand reputation, has never been stronger. In addition, governments, businesses and consumers are ready to take legal action when product failures result in financial or personal injury.

Product inspection is therefore increasingly important both as a business tool and as essential protection.

#### Ishida - the right partner for food industry quality control

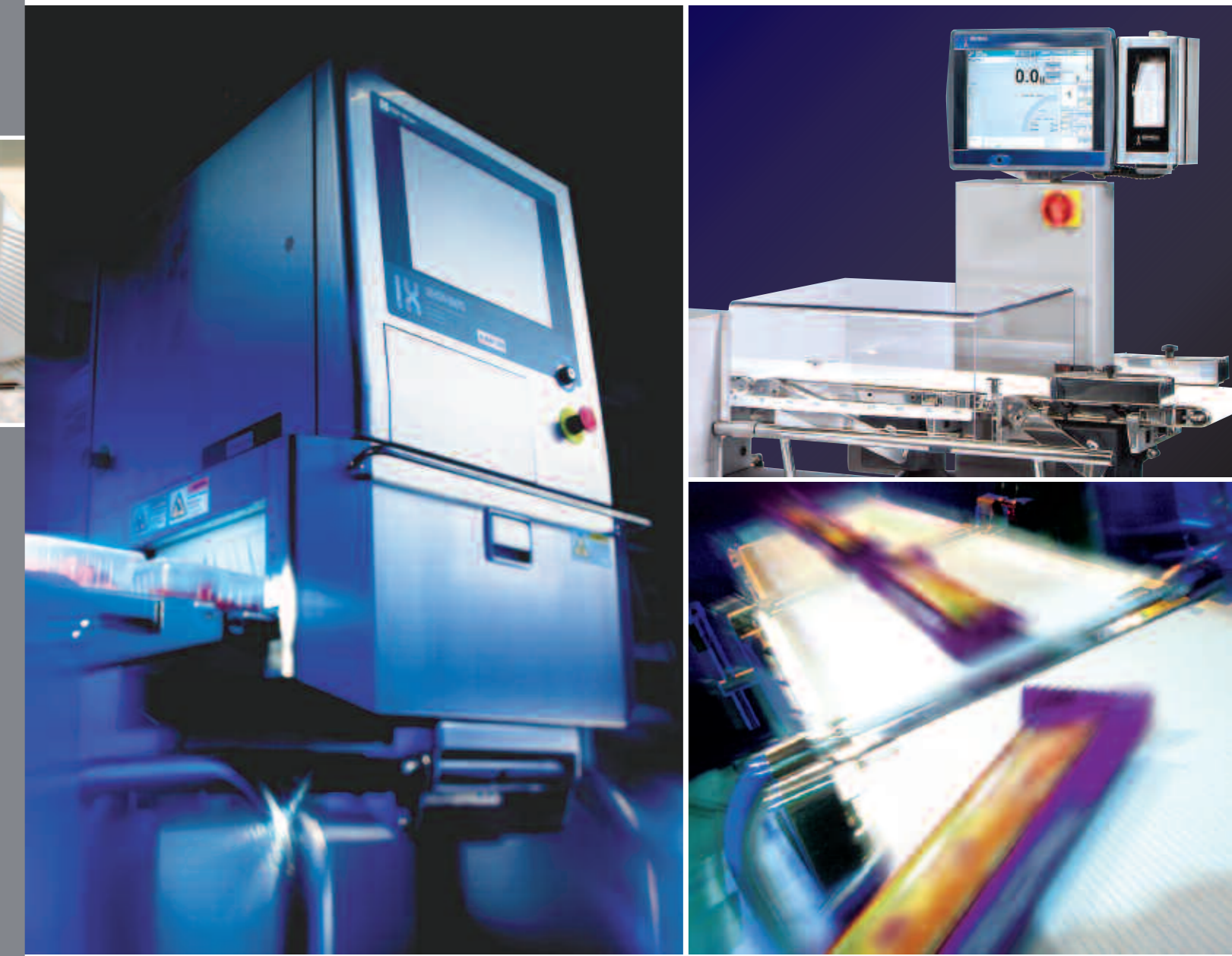
With over a century of experience, Ishida is one of the most credible suppliers of inspection equipment, in a world where credibility is of key importance both to business partners and the public.

Ishida can offer you:

- An international, well-resourced R&D team with the highest levels of creative, research, engineering and manufacturing skills
- Industry applications experience second to none, with over 65,000 machines installed worldwide
- A wide range of state-of-the-art quality control products including X-ray inspection equipment, metal detectors, checkweighers and associated systems



helpline • spares • service • training



**Safeguarding reputations and profitability**



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# Quality control solutions from Ishida

## X-Ray Inspection: the ultimate in foreign body detection

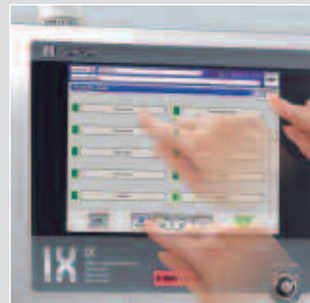
### A key step towards international recognition

Installing an X-ray inspection system can help make your business competitive. The fact that X-rays can pick up so many different contaminants demonstrates that you pay the highest level of attention to quality issues, and to protecting your customers, consumers and ultimately the brand.

### The Ishida IX-EA X-Ray Inspection System

Ishida's IX-EA range is a superb entry-level inspection solution offering a high level of protection and great value for money

- Detects metal, glass, stone, bone, rubber and plastic
- Identifies both type and location of the contamination
- Masking function can be set to ignore peripheral areas, bag seals or clips
- Simple, easy-to-learn operation
- High safety standards with radiation generated only during inspection and always contained within the protective tunnel
- Robust, easy-clean construction
- Built to last many years under harsh factory conditions



## Metal detection: cost-effective exclusion of a specific contamination risk

### In-line metal detection with Ishida equipment

Ishida supplies metal detection systems, which enable you to satisfy all quality control and HACCP requirements. Housed in AISI 316L stainless steel, they are available both as stand-alone units and combined with other equipment such as checkweighers.

- High sensitivity to all types of metal, including high resistivity stainless steel
- Automatic tracking function detects and compensates for any absorption by the product itself
- Wide passband allows sensitive detection at high and low belt speeds
- Multi-frequency version available for lines that handle products of widely differing conductivities
- Supports statistical data production to meet ISO 9001 requirements



## Reduce giveaway, ensure compliance with a quality checkweigher

### Ishida DACS Checkweighers: a proud tradition of state-of-the-art accuracy

Ishida manufactures a wide range of fast, accurate checkweighers. Options include pack recognition system, integrated metal detector, feedback control and flash memory. Key data is generated for data capture systems such as the IDCS (see opposite).

### Ishida DACS Economy Range

These quality checkweighers, recognised worldwide for accuracy and reliability, are simple to operate, yet yield a rich array of data.

### Ishida DACS-W High Performance Range

DACS-W checkweighers integrate readily into a wide range of applications, both wet and dry, and can handle products of almost any size.

### Ishida DACS-Z (Zenith) High Speed Range - for exceptional speed and accuracy

Force balance technology delivers unbeatable speed (up to 600wpm), yet high accuracy reduces giveaway while increasing compliance.

### Ishida DACS-H (IP66) Fresh Food Range - where hygiene and speed are paramount

DACS-H checkweighers offer exceptional 'washability', owing to streamlined design, open structure and corrosion resistant materials.



## Using checkweigher data to optimise production

### The Ishida Data Capture System (IDCS) adds analytical and presentational power

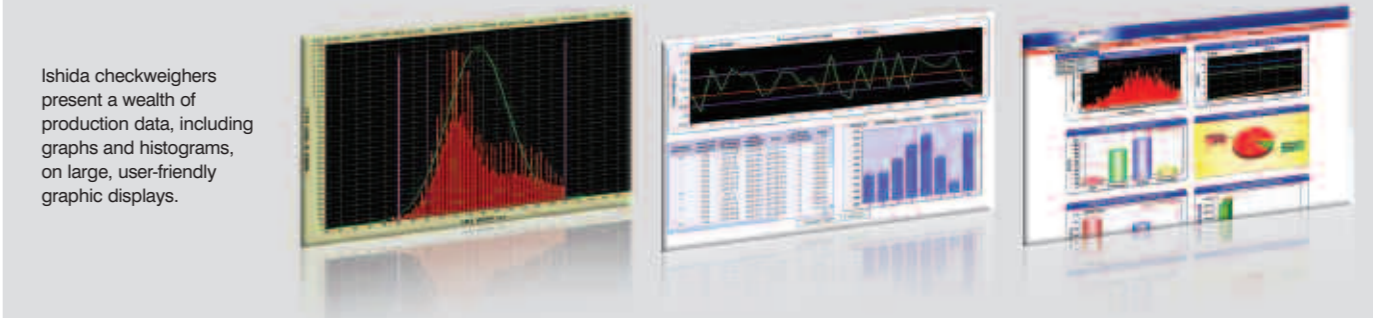
This software package can capture the data produced by individual checkweighers both locally and at remote sites. It registers weights and any rejections, whether due to underweight, overweight or contamination, as well as speed and downtime. Results are displayed in easy-to-understand visual formats, and allow performance monitoring of entire production lines.

### IDCS will help you to

- Identify and visualise how much product (and profit) your business loses through overfilled packs ('giveaway')
- Identify and measure the causes of downtime
- Analyse cost savings that can be made (e.g. by upgrading equipment)
- Motivate employees by visualising and rewarding cost savings and efficiency gains
- Use feedback control to optimise production efficiency

### Making your data more secure

A memory backup facility ensures that all data is preserved in the event of an individual machine or network losing touch with the server.



Ishida checkweighers present a wealth of production data, including graphs and histograms, on large, user-friendly graphic displays.

## Getting the pack just right: Ishida Seal Testers and Vision Systems

Ishida offers equipment for checking for leaks in bags or trays, at high speeds and with great reliability. This can eliminate one of the most common causes of reduced shelf life, often the reason for costly returns from retailers.

Ishida's vision systems, usually integrated with Ishida seal testers, can check that the label carries the right branding and livery and is applied in the right position and correctly oriented. They can also verify any overprinted information such as bar and 2D codes, dates, weights and prices, removing another well-known source of retailer returns.

