



## Our Company

Founded in 1893, Ishida is a privately-owned, family-run company with worldwide headquarters in Kyoto, Japan.

A world leader in the design, manufacture and installation of weighing, packaging and quality control solutions, Ishida has vast experience and knowledge of many food sectors ranging from snacks and dry food to fresh and frozen food applications.

Ishida opened its first overseas subsidiary, Ishida Europe, in 1985. Headquartered in Birmingham, United Kingdom, it serves Europe, the Middle East, and Africa (EMEA). We have wholly-owned Ishida sales and service operations in nine countries, and have committed, experienced agents and distributors in a further 30 countries.

## 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.

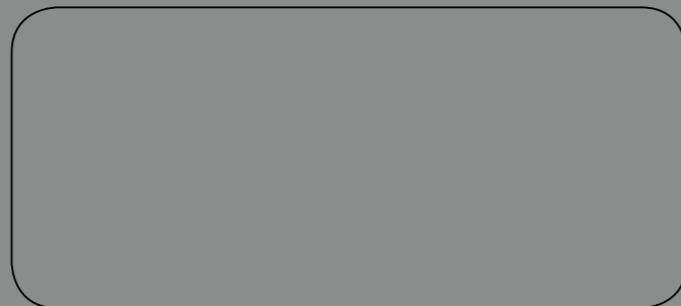
When you are ready to make contact, a well-resourced network of Ishida companies, distributors and agents, extending across Europe, the Middle East and Africa, can provide advice and organise demonstrations and trials.

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.



helpline • spares • service • training



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# Carton-Line Checkweighers

Handling mass and volume



# Carton-Line

## Weight Assurance of Packages and Cartons

Carton-Line checkweighers are ideal for the inspection of boxes and bags of up to 60kg for weight compliance and to detect where items are missing.

### Easily handles large items, so you don't have to

Carton-Line models ensures that the inspection process flows smoothly, handling weights from 150g all the way up to 60,000g and keeping heavy lifting by your staff to the minimum.

### Impressive speed and accuracy

These checkweighers keep inspection moving at belt speeds of up to 55m/min and can detect a weight discrepancy as small as 1g, thanks to the patented Ishida high-speed load cell.

### Configurable to your exact needs

A free-standing display unit makes integration into the line quick and easy, while line infeed and extension conveyors can be configured to suit your specific requirements. You can choose a roller or belt feed conveyor of either waterproof or dry construction.

### A rich source of data

Data capture can take place via USB download or direct printout.

### Simple set-up, operation and maintenance

The simplified, intuitive interface makes Carton-Line checkweighers easy to configure and operate.

### Compliance built in

All Carton-Line checkweighers comply fully with European safety and weight directives.

### Checkweighers and their essential role in quality control

Checkweighers are primarily used on production lines to detect and remove items that are outside specific weight limits. (Underweight items may lead to fines and penalties, while overweight involves giving valuable product away).

However they have many other quality control benefits, such as identifying packs that have items missing, and can be combined with other detection methods (such as metal detectors and x-ray inspection systems) to exclude packs containing foreign bodies from the production output. They can also provide valuable production data to help with analysis and planning.



Specifications		Carton - Line					
		DACGS-GN-S150		DACGS-GN-S300		DACGS-GN-S600	
Weighing Capacity		15,000g	15,000g	30,000g	15,000g	30,000g	60,000g
Upper Limit of Indication		15,000g	15,000g	30,000g	15,000g	30,000g	60,000g
Lower Limit of Indication		150g	150g	300g	150g	300g	600g
Actual Scale Interval		1g	1g	2g	1g	2g	5g
Max. Belt Speed		10 - 55 m/min	10 - 40 m/min		5 - 20 m/min		
Protection		IP30 / IP65	IP30 / IP65		IP30 / IP65		
Operating Temperature		0 - 40°C	0 - 40°C		0 - 40°C		
Weight Conveyor Size		450mm (W) x 650mm (L)	450mm (W) x 650mm (L)		450mm (W) x 650mm (L)		
			500mm (W) x 800mm (L)		500mm (W) x 800mm (L)		
			600mm (W) x 1100mm (L)		600mm (W) x 1100mm (L)		
Infeed Conveyor		Belt/Roller 550mm x 1100mm	Belt/Roller 550mm x 1100mm		Belt/Roller 550mm x 1100mm		
RCU Type	Standard	✓	✓		✓		
	CTS	✓	✓		✓		
Main Body Type	Remote Main Body	✓	✓		✓		
Reject Device	Pusher	Belt/Roller 450mm (W) x 800mm (L)	Belt/Roller 450mm (W) x 800mm (L)		Belt/Roller 450mm (W) x 800mm (L)		
			500mm (W) x 800mm (L)		500mm (W) x 800mm (L)		
			600mm (W) x 1100mm (L)		600mm (W) x 1100mm (L)		
Reject Bin	Roller track	✓	✓		✓		
Standard Interface	USB (for memory stick only)	✓	✓		✓		
	Integrated printer	✓	✓		✓		
Software and Other Options	Beacon	✓ (red/green/amber)	✓ (red/green/amber)		✓ (red/green/amber)		
	IDCS Software and Hardware	Optional	Optional		Optional		
	Period	Warranty	1 year	1 year		1 year	
Language	Multiple Language Options Available	✓	✓		✓		
Power	Consumption	225W	225W		225W		
	Voltage	220 - 240v 50-60Hz	220 - 240v 50-60Hz		220 - 240v 50-60Hz		