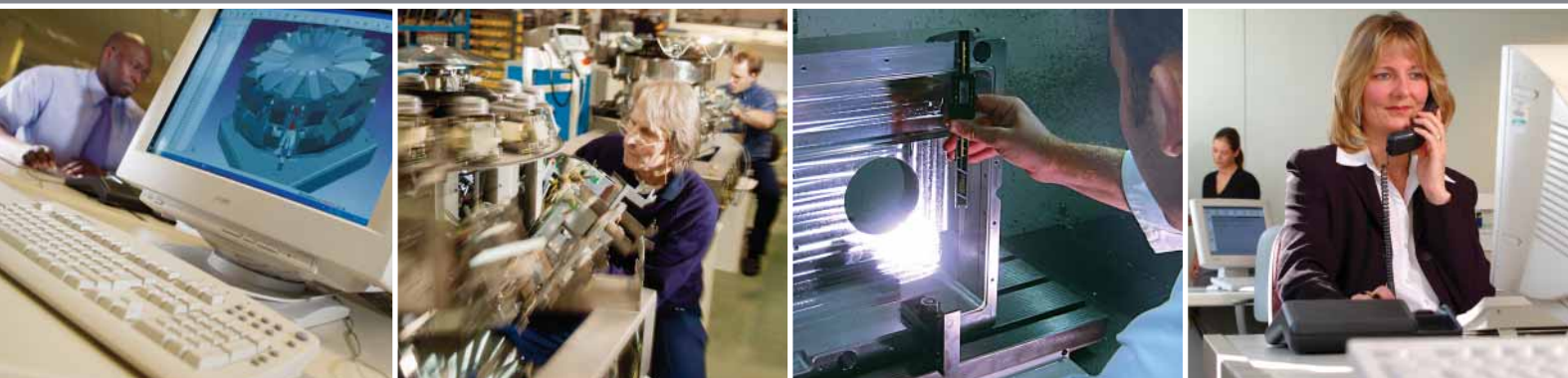## Working with you every step of the way

Our extensive R&D investment is directed at meeting the challenges of the fast-changing food industry around the globe.
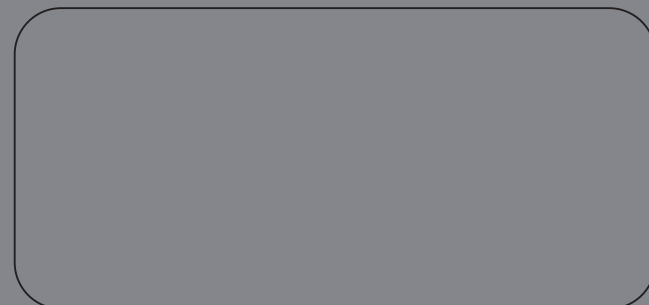
We aim to support our partners fully, from the very start of the buying process, and you will find many equipment brochures, visual animations and case studies available on our website. When you are ready to make contact, a well-resourced network of Ishida companies, distributors and agents, extending 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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REF WT   90.0 g
UPPER +   5.0 g
LOWER -   5.0 g
LENGTH   180 mm   0.0 g

DACS
Economy Range Checkweighers

Confident compliance, optimum value

DACS-W Economy Range

Accurate, reliable checkweighers for a wide variety of tasks

Fits in anywhere
The compact and modular design is quick and easy to install, with a choice of two conveyor lengths to suit your product size.

Waterproof machines
Up to IP65 approval for the waterproof models to ensure 100% quality control even in tough and demanding environments.

The waterproof economy checkweigher is particularly suited to fresh and frozen applications.

Simple operation, a rich yield of information
The control unit is keypad operated and presents data on a clear, 256-by-64 dots display as figures, graphs or histograms. 100 presets can be programmed, for fast changeovers.

Easy cleaning, minimal downtime
Quick-release conveyors and an easy-to-access main body frame with smooth contours make for fast and easy cleaning. The frame is constructed in bead-blasted stainless steel finish.

High levels of speed and accuracy
Based around Ishida-made, high-speed, high-sensitivity loadcells, these checkweighers also incorporate Anti Floor Vibration (AFV) compensation and high-speed Digital Signal Processing (DSP) to offer excellent performance, whatever the factory conditions.

Options
- Reject systems, single or double, using motorised or pneumatic motion, or air-blast
- Feedback control
- Interfaces with data capture systems, multihead weighers or other equipment for optimum production line performance
- Data printer
- Available with a metal detector as a combination unit in IP54 specification
- Waterproof machine is IP65 rated

DACS-W-012-SB/SS,WP-I-N

DACS-W-030-SB/SS,WP-I-N & DACS-W-050-SB/SS,WP-I-N

Specifications

Model	DACS-W-012-SB/SS,WP-I-N	DACS-W-030-SB/SS,WP-I-N
Weighing Range	35g - 1300g	125g - 3300g
Weighing Speed (Max)	150 WPM	120 WPM
Weighing Accuracy	from ± 0.2g	from ± 1.0g (2.0g)
Minimum Graduation	0.5g	1.0g
Control Unit	Flourescent Graphic Display	Flourescent Graphic Display
Weigh Cell	Double-Beam Strain Gauge Loadcell	Double-Beam Strain Gauge Loadcell
Weigh Conveyor (mm)	350 (L) x 245 (W) / 450 (L) x 245 (W)	450 (L) x 330 (W) / 550 (L) x 330 (W)
Reject Conveyor (mm)	450 (L) x 245 (W) (air jet) / 550 (L) x 245 (W) (arm type)	750 (L) x 330 (W) (arm type)
Belt Width	220mm	300mm
Product Dimensions	L: 60mm - 420mm / W: 30mm - 220mm / H: 10mm - 130mm	L: 80mm - 500mm / W: 30mm - 300mm / H: 10mm - 300mm
Zero Adjustment	Continuous Automatic Dynamic Compensation	Continuous Automatic Dynamic Compensation
Number of Presets	100	100
Line Heights (mm)	700, 900, 1100 ± 100	700, 900, 1100 ± 100
Structure of Waterproof Machines	Up to IP65 Approval	Up to IP65 Approval
Printer	Optional	Optional
Metal Detector as a combination unit	Optional, in IP54	Optional, in IP54

Specifications

Model	DACS-W-050-SB/SS,WP-I-N
Weighing Range	350g - 5500g
Weighing Speed (Max)	100 WPM
Weighing Accuracy	from ± 2.0g (3.0g)
Minimum Graduation	2.0g
Control Unit	Flourescent Graphic Display
Weigh Cell	Double-Beam Strain Gauge Loadcell
Weigh Conveyor (mm)	450 (L) x 410 (W) / 550 (L) x 410 (W)
Reject Conveyor (mm)	850 (L) x 410 (W) (arm type)
Belt Width	370mm
Product Dimensions	L: 80mm - 500mm / W: 30mm - 370mm / H: 10mm - 300mm
Zero Adjustment	Continuous Automatic Dynamic Compensation
Number of Presets	100
Line Heights (mm)	700, 900, 1100 ± 100
Structure of Waterproof Machines	Up to IP65 Approval
Printer	Optional
Metal Detector as a combination unit	Optional, in IP54

Features and Benefits
The DACS Economy checkweigher series includes a host of innovative, easy to operate features, offering high levels of speed, accuracy, flexibility and hygiene.

High levels of speed and accuracy
An Ishida made high-speed loadcell achieves high sensitivity, response and accuracy. This combined with a light weight conveyor, enhanced direct drive motor and a low friction belt make the DACS Economy the fastest and most accurate checkweigher even for demanding MID approved applications.

Optional Printer
A printer can be attached to the control unit. Preset parameter and other performance data can be recorded and printed.

Maximum Versatility
Two belt and conveyor sizes are available to suit the size of individual products, optimising pack handling and product throughput.

Digital Signal Processing (DSP)
In order to handle the many high speed adding and multiplying computations required for digital filtering, AFV compensation and weigh data processing, a high speed 'DSP' chip has been included. DSP permits accurate signal processing under a wide range of weighing conditions.

Simple Operation
An easy to operate control unit with a large display helps to eliminate reading errors, while the interactive operation system makes selecting presets very simple. Data is clearly shown on the screen, and graphs and histograms are displayed for easy production monitoring.

Quick changeovers and easy clean design minimise downtime
Stainless steel construction, quick release conveyors and the smooth contours of the support legs and the main body frame allow for quick and easy clean-down to reduce downtime.

Reject Systems
Both mechanical and pneumatic arm rejects (single or double) as well as single or double air rejects are available. All rejects are mounted on its own stand with the option of reject bin(s).

ISHIDA