

Seal Tester- Checkweigher Combination

High performance in-line seal tester
and checkweigher, delivering accuracy
with speed





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You won't find a partner with more seal tester and checkweigher experience and expertise than Ishida. We now offer our largest ever range whilst maintaining a strong technical edge. We use that edge and our applications expertise (based on an extensive installed base worldwide), to fully understand your needs.

Where precision seal testing and checkweighing at speeds of up to 150 packs per minute is needed, Ishida's combined system offers the ideal solution.

Accurate in-line leak detection, gentle bag handling, and user-friendly operation deliver superior quality control. Ishida's state-of-the-art technology precisely checks bags up to 120mm thick and 330m wide.

Auto Air Fill (AAF) feedback control provides functionality to adjust bag air fill electronically from the bagmaker RCU touch screen. Quick and easy to set-up the continually monitored air fill can be dynamically adjusted to deliver consistent pack thickness.

Seal Tester - Checkweigher Combination for bags



Features and benefits



Speed, accuracy and precision



Increased productivity with Industry 4.0

High line-speeds with no sacrifice of accuracy

Ishida's precision force-balance sensor delivers impressive accuracy, with a minimum graduation of 0.1g

Built to withstand tough working conditions

Robustly constructed on a stainless steel framework, the combined seal tester and checkweigher are engineered to deliver many years of service in the most demanding applications.

Precise inspection

Ishida's proprietary feedback control system ensures that the servo operated inspection head applies optimum pressure on the bag for precise seal checking.

Servo motor control allows optimum adjustment of inspection head pressure on the bags for greater leak detection accuracy.

Increased productivity with Industry 4.0

- ▲ Ishida SENTINEL™ is a system for monitoring production line status and performance across a wide range of Ishida equipment.
- ▲ Provides instant visibility of live machine performance from anywhere in the world.
- ▲ Optional access to remote technical support, rapid response diagnosis and pro-active performance monitoring.
- ▲ The Ishida Data Capture System (IDCS) collects data from every pack that has passed through your checkweigher, generating dynamic, graphic displays and reports with a wide range of profitable uses.
- ▲ All Ishida checkweighers are fully compliant with European safety and weight directives

Features and benefits



Simple operation - Remote control unit (RCU)



Open frame design

A solution to match your exact needs

From weigh table size to rejectors and software, a wide choice of options enable us to tailor each checkweigher to meet the exact requirements of your application and line configuration.

Quick and simple operation

Integration with iTPS Ishida Total Packaging System allows comprehensive production and data management.

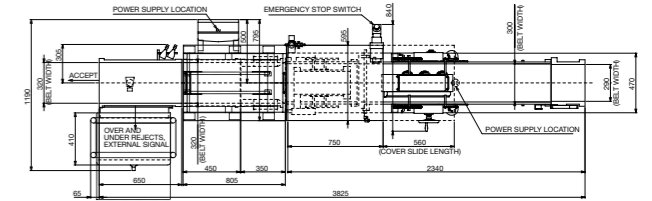
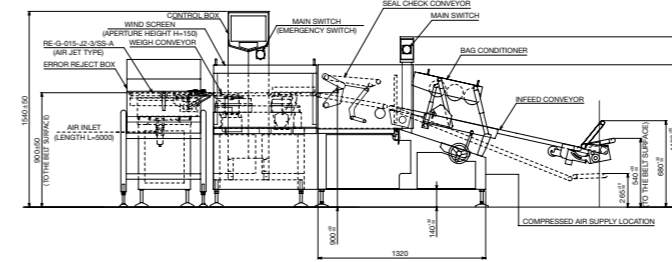
Hygienic, easy cleaning

- ▲ The simplified, open design means that cleaning of the checkweigher and the floorspace beneath it can be carried out in minutes, helping to keep downtime to a minimum.
- ▲ The inspection head on the seal tester lifts easily out of the way, creating full open access.
- ▲ Cleaning brushes under the infeed and inspection conveyors remove product particles and prevent product accumulation.



Integrated weighing and packaging solution

Technical specification



Specifications		DACS-G-F015
Weighing Capacity		1,500g
Lower Limit of Indication		5 - 1,500g
Verification Scale Interval		0.1g
Max. Belt Speed		120 m/min
Protection		IP-30
Operating Temperature		0 - 40°C
MID*		✓
Weigh Conveyor Size		100mm (W) x 150mm (L)
		160mm (W) x 250mm (L)
		160mm (W) x 350mm (L)
		160mm (W) x 450mm (L)
		240mm (W) x 250mm (L)
		240mm (W) x 350mm (L)
		240mm (W) x 450mm (L)
RCU Type	Standard	✓
	CTS	✓
Reject Device	STD Air	✓
	Arm	✓
Reject Bin	Standard lockable bin with key	✓
Standard Interface	USB (for memory stick only)	✓
Software and Other Options	Integrated printer	✓
	Emergency stop	✓
	Beacon	✓
Period	Warranty	1 year
Language	Multiple Language Options Available	✓
Power	Consumption	220W
	Voltage	220 - 240v 50-60Hz

Specifications		TSC-RS-120
Inspection speed**		Max. 150 bpm
Bag Inspection Range***	Length	100 - 650mm
	Width	50 - 330mm
	Thickness	15 - 123mm
Inspection Accuracy**		Pinhole: 3mm (at 150 bpm)
Minimum Thickness Graduation		0.01mm
Display Language		Multiple (7 languages)
Preset Numbers		Max. 200
Construction		IP-30
Material and Finish		Painted steel and aluminium
Dimension		2795mm (L) x 655mm (W) Former center to reject conveyor: 2670mm Reject height: 890mm ±40mm
Machine Weight		Approx. 283kg (with RCU)

*European Instruments Directive (MID) **Varies by product shape and condition ***Varies by inspection speed

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.



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