

# SE-series

**Entry-level excellence in multihead weighing**

# Innovation Commitment Knowledge Experience Quality Precision Performance

## Ishida Europe: understanding and tackling the weighing and packing line challenges you face

- Unique engineering expertise, combined with practical industry knowledge in your sector
- Global applications experience, including snacks, meat, poultry, ready meals, fresh produce, dry and frozen foods, bakery, confectionery, pasta and non-food applications
- R&D resources and commitment to support both continuous improvement and major innovation
- Solutions include consultancy and project management, complete packing lines, multihead weighers, traysealers, seal testers, X-Ray and vision inspection systems, snack food bagmakers, checkweighers, traysealers, weigh-batchers and pick-and-place systems.



Improve performance, reduce risk:  
take the Ishida route



## SE-series

**Multihead weighing brings increased accuracy and speed to the packing of an ever-widening range of products. Ishida is the company that invented the technology, continues to develop it and remains the world brand leader.**

So, when you decide to improve yields and productivity by moving up from filling and dosing machines, linear weighers or other slower, less accurate methods, where better to look than Ishida?

Ishida SE Series weighers come at entry-level prices, offering the speed and accuracy you need to reap those multihead benefits. They are simple to learn, operate, clean and maintain.

And, like all Ishida equipment, they'll give you fast payback times followed by years more of reliable performance.



### 1. High accuracy - low giveaway

Excellent weighing accuracy dramatically reduces product giveaway when compared with conventional filling or dosing machines. The resulting cost savings mean that the average payback period is just a matter of months.



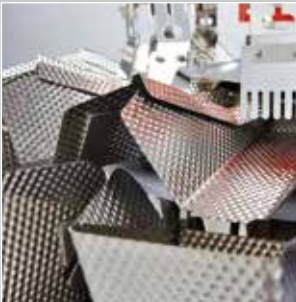
### 4. Easy cleaning minimises downtime

All hoppers and radial feeders are interchangeable. This reduces cleaning downtime. Hoppers can be removed and replaced while the weigher is in operation, without interrupting production.



2. Easy operation and setup

The Remote Control Unit (RCU) with 10.4 inch colour touch screen gives a simplified, easy-to-follow operator interface, enabling quick set-up and rapid product changeovers.



5. Choice of body and contact part finishes

On all models, a choice of flat-surfaced or hex-embossed contact parts is available. For the 10- and 14-head weighers, machine bodies can be painted metal or stainless steel, with an IP65, water-resistant option.



3. Consistent weighing results

A weight sensor in the dispersion table automatically adjusts the product feed, ensuring a consistent supply to the radial feeders. Each feeder can be individually adjusted via the RCU to optimise product feed. High quality stepper motors precisely control hopper gate opening and closing profiles for consistent weighing speed and accuracy.



6. Other options

Despite their entry-level cost, SE-Series multihead weighers offer you many options such as printing, inlet chutes, ring gates, timing hoppers and count software. On some models, anti-leak hoppers and a choice of radial feeder types are available.



CCW-SE-210

10-head weighers that bring reliable automation to a huge variety of applications

These Ishida multihead weighers are perfect for automating the packing of dry and processed foods such as snacks, vegetables, nuts, confectionery and pasta, and also non-food items such as small hardware pieces and parts.

Digital weigh-signal filtration helps deliver the celebrated Ishida accuracy that cuts giveaway and improves yield.

Like all the weighers in the SE-Range, they are very easy to operate, with a simple menu-driven interface and up to 50 product presets, allowing very rapid changeovers.

| Specifications                                |                                                                          |             |
|-----------------------------------------------|--------------------------------------------------------------------------|-------------|
| Model                                         | CCW-SE-210W-1S-20-**                                                     |             |
| Weighing Capacity/Range (per single dump)     | up to 500g                                                               | up to 1000g |
| Maximum Volume for Weighing (per single dump) | Maximum 3000cc                                                           |             |
| Weighing Speed (Max)*                         | 75wpm                                                                    |             |
| Minimum Graduation                            | 0.1g                                                                     | 0.2g        |
| Touch Screen Display (RCU)                    | 10.4" Colour Display                                                     |             |
| Weigh Cell                                    | Double-beam strain gauge load cell                                       |             |
| Number of Presets                             | 50                                                                       |             |
| Material                                      | Product surfaces are made of stainless steel or other sanitary materials |             |
| Machine Weight                                | 350kg                                                                    |             |
| Options                                       | Various options are available<br>Please contact Ishida distributors      |             |
| Power Consumption                             | 200 - 240V 0.8kW                                                         |             |

Design and specifications are subject to change without notice.  
\*Depends on product shape, product density, target weight etc. \*\* Machine bodies can be painted mild steel (PB) or stainless steel (SS), with an IP65, water-resistand option (WP).



CCW-SE-214

14-head solutions: when picking up the pace is a priority

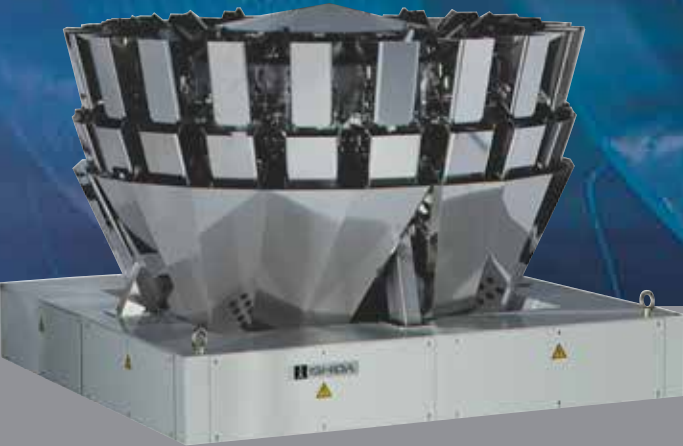
Offering higher speeds across the same wide range of applications, with no reduction in accuracy, these 14-head models represent a further step into the world of Ishida performance.

These machines use the same easy-to-learn, easy-to-operate interface, helping to ensure that your move to higher packing line speed and efficiency places no excessive demands on your workforce.

As with all Ishida weighers, all load cells are reliable, precise components designed and built by Ishida.

| Specifications                                |                                                                          |             |
|-----------------------------------------------|--------------------------------------------------------------------------|-------------|
| Model                                         | CCW-SE-214W-1S-20-**                                                     |             |
| Weighing Capacity/Range (per single dump)     | up to 500g                                                               | up to 1000g |
| Maximum Volume for Weighing (per single dump) | Maximum 3000cc                                                           |             |
| Weighing Speed (Max)*                         | 90wpm                                                                    |             |
| Minimum Graduation                            | 0.1g                                                                     | 0.2g        |
| Touch Screen Display (RCU)                    | 10.4" Colour Display                                                     |             |
| Weigh Cell                                    | Double-beam strain gauge load cell                                       |             |
| Number of Presets                             | 50 (per side)                                                            |             |
| Material                                      | Product surfaces are made of stainless steel or other sanitary materials |             |
| Machine Weight                                | 500kg                                                                    |             |
| Options                                       | Various options are available<br>Please contact Ishida distributors      |             |
| Power Consumption                             | 200 - 240V 1.1kW                                                         |             |

Design and specifications are subject to change without notice.  
\*Depends on product shape, product density, target weight etc. \*\* Machine bodies can be painted mild steel (PB) or stainless steel (SS), with an IP65, water-resistand option (WP).



CCW-SE-220

20-head accuracy and speed for higher-volume packing lines

At the top of the SE-Range are these high capacity 20-head models. The weighers are dual discharge, meaning that they can function as a single weigher running at twice the speed of a 10-head model, or as two 10-head models, each with its separate Remote Control Unit.

Despite this versatility, they share the simple operator interface and the rugged reliability common to all the SE-Range.

| Specifications                                |                                                                          |             |
|-----------------------------------------------|--------------------------------------------------------------------------|-------------|
| Model                                         | CCW-SE-220W-*D-20-PB                                                     |             |
| Weighing Capacity/Range (per single dump)     | up to 500g                                                               | up to 1000g |
| Maximum Volume for Weighing (per single dump) | Maximum 3000cc (per side)                                                |             |
| Weighing Speed (Max)*                         | 75wpm (per side)                                                         |             |
| Minimum Graduation                            | 0.1g                                                                     | 0.2g        |
| Touch Screen Display (RCU)                    | 2 x (RCU) 10.4" Colour Display                                           |             |
| Weigh Cell                                    | Double-beam strain gauge load cell                                       |             |
| Number of Presets                             | 50                                                                       |             |
| Material                                      | Product surfaces are made of stainless steel or other sanitary materials |             |
| Machine Weight                                | 1050kg                                                                   |             |
| Options                                       | Various options are available<br>Please contact Ishida distributors      |             |
| Power Consumption                             | 200 - 240V 1.6kW                                                         |             |

Design and specifications are subject to change without notice.  
\*Depends on product shape, product density, target weight etc. \*\*\* Single (1) or split (2) inlet

## 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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