

# RVE Series

**CCW-RVE-210W-1S-50/70-SS/WP**  
**CCW-RVE-214W-1S-50/70-SS/WP**

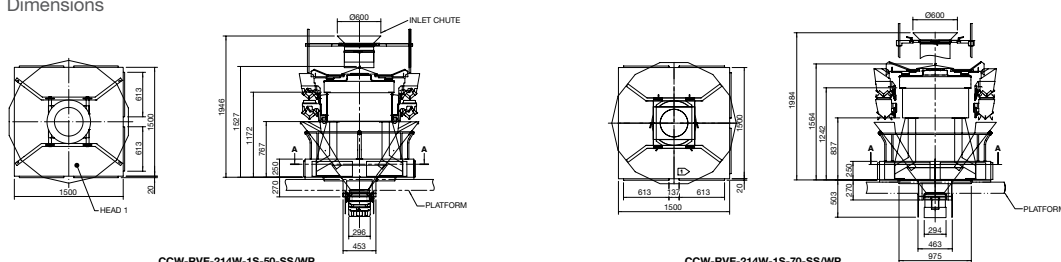
Robust, versatile and accurate weighing for bulky products

Designed to handle heavy or bulk-free-flowing and sticky products, this weigher can be adapted to suit many packaging scenarios. Configured in a stainless steel finish or with an enhanced water proof design, the RVE series is built for long life operations in dry, fresh or frozen applications.

- ▲ For heavy or bulky product applications
- ▲ Mid to high speeds and excellent weighing yields
- ▲ Pre-configured for smart factories
- ▲ Achieves maximum speeds of up to 100wpm



## Dimensions



CCW-RVE-214W-1S-50-SS/WP

CCW-RVE-214W-1S-70-SS/WP

| Performance                              |         | CCW-RVE-210W-1S-50-SS/WP                                                                              |           | CCW-RVE-214W-1S-50-SS/WP |           | CCW-RVE-210W-1S-70-SS/WP |           | CCW-RVE-214W-1S-70-SS/WP |           |
|------------------------------------------|---------|-------------------------------------------------------------------------------------------------------|-----------|--------------------------|-----------|--------------------------|-----------|--------------------------|-----------|
| Max. weighing speed*                     |         | 50 WPM                                                                                                |           | 100 WPM                  |           | 50 WPM                   |           | 90 WPM                   |           |
| Max. vol. for weighing (per single dump) |         | 10 litres                                                                                             |           |                          |           | 14 litres                |           |                          |           |
| Max piece length                         |         | 170mm                                                                                                 |           |                          |           | 270mm                    |           |                          |           |
| Weighing capacity setting (per head)     |         | 2000g                                                                                                 | 4000g     | 2000g                    | 4000g     | 2000g                    | 4000g     | 2000g                    | 4000g     |
| Minimum graduation                       |         | 0.5g                                                                                                  | 1.0g      | 0.5g                     | 1.0g      | 0.5g                     | 1.0g      | 0.5g                     | 1.0g      |
| Machine target weight range              |         | 105-4000g                                                                                             | 375-8000g | 105-4000g                | 375-8000g | 105-4000g                | 375-8000g | 105-4000g                | 375-8000g |
| Specification                            |         |                                                                                                       |           |                          |           |                          |           |                          |           |
| Touch screen display (RCU)               |         | 10.4" Colour LCD Display                                                                              |           |                          |           |                          |           |                          |           |
| Number of presets                        |         | 200                                                                                                   |           |                          |           |                          |           |                          |           |
| Weigh cell                               |         | Ishida double-beam strain gauge loadcell                                                              |           |                          |           |                          |           |                          |           |
| Materials                                |         | Surfaces are made of 304 stainless steel or other sanitary materials                                  |           |                          |           |                          |           |                          |           |
| IP test rating                           |         | SS: IP54 Rating / WP: IP65 Rating (with optional factory fitted moisture sensors and alarm)           |           |                          |           |                          |           |                          |           |
| Power                                    | Wattage | 0.6kW                                                                                                 |           | 0.6kW                    |           | 0.6kW                    |           | 0.6kW                    |           |
|                                          | Voltage | 200-240V 50/60Hz 1-phase                                                                              |           |                          |           |                          |           |                          |           |
| Air**                                    |         | 110 litres/min (ANR) 0.5 Mpa Air hose - PT 3/8" (for air dryer connection)<br>Air purge 0.02~0.03 Mpa |           |                          |           |                          |           |                          |           |
| Net weight***                            |         | Approx. 850kg                                                                                         |           | Approx. 950kg            |           | Approx. 1000kg           |           | Approx. 1000kg           |           |
| Standard Compliance                      |         | CE/RoHS                                                                                               |           |                          |           |                          |           |                          |           |

Design and specifications are subject to change without notice (please confirm dimensions at point of order).

\* Depends on product shape, product density, target weight, feeding conditions, etc.

\*\* Compressed air supply is required only for WP machines. Note: Air hose compressor must be provided by user.

\*\*\* The machine weight varies depending on the options selected.

## RVE Series

Ishida has over 120 years history of weighing innovation, with more multihead weighers installed and adding value than any other supplier. The upgraded RVE series represents the latest in multihead weighing performance for speed, accuracy and reliability, and comes with a wide range of features to ensure high performance industrial weighing is achieved at an interesting price point.

### Features & Benefits

#### Fast and precise weighing for improved productivity

High performance features include:

- ▲ Pulse width modulation offers auto tuning of dispersion table and radial troughs
- ▲ Programmable 5 stage digital filtering
- ▲ Advanced automatic feeder adjustments
- ▲ High processing speed 10.4" web RCU

#### Increased yield and productivity

- ▲ Reduced giveaway and waste compared to conventional filling/weighing or semi-automated machines
- ▲ High processing capacity significantly improves production output
- ▲ Economical investment with a short payback period
- ▲ Contact part options to fit a wide range of solutions

#### User-friendly design and easy set-up

Intuitive, easy-to-use RCU (Remote Control Unit)

- ▲ Simplifies initial set up and daily operations
- ▲ Minimises machinery downtime
- ▲ Maximises production efficiency
- ▲ Auto frequency tuning on vibration parts to ensure maximum power and control is always maintained
- ▲ Important for sticky or bulky products
- ▲ USB data import/export with ethernet connectivity

#### Minimised machine downtime

- ▲ Tool-free, interchangeable contact parts reduces cleaning time
- ▲ Simple operation RCU screens are easy to learn and prevent operator errors
- ▲ Optional factory fitted moisture sensors to alarm in the presence of any moisture in three zones within weigher

#### Pre-configured for SMART FACTORIES

- ▲ Increased productivity with Industry 4.0
- ▲ Sentinel™ Reporting Pack included free of charge for life
- ▲ 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

#### Compliance with FDA and EU Food Contact standards

All materials are FDA-approved and comply with Article 16(1) of Regulation (EC) No 1935/2004 and Article 15 of Regulation 10/2011. To fully meet the EU's Restriction of Hazardous Substances Directive (RoHS) non-hazardous materials are used for all circuit boards, parts, materials, and finishes.



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