



RV Series

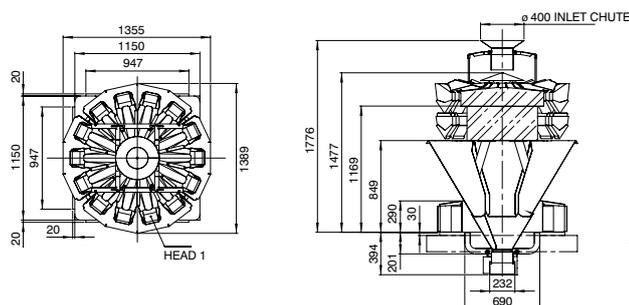
CCW-RV-210W-1S-20/30-SS/WP
CCW-RV-214W-1S-20/30-SS/WP

High performance, high accuracy for dry to sticky applications

Designed to handle a varied range of different product applications, the RV series is Ishida's highest performing range. Featuring high technology as standard and designed to achieve very high speeds, precision and accuracy and offering the broadest range of bespoke solutions to satisfy customers' individual high performance needs.

- ▲ Suitable for a wide range of challenging product applications
- ▲ For small target weights of small piece sizes
- ▲ Achieves maximum speeds of up to 140wpm

Dimensions



*Dimensions vary with the application

Performance		CCW-RV-210W-1S-20-SS/WP		CCW-RV-210W-1S-30-SS/WP		CCW-RV-214W-1S-20-SS/WP		CCW-RV-214W-1S-30-SS/WP	
Max. weighing speed*		75 WPM		75 WPM		140 WPM		140 WPM	
Max. vol. for weighing (per single dump)		3 litres		4.5 litres		3 litres		4.5 litres	
Max piece length		110mm		130mm		110mm		130mm	
Weighing capacity setting (per head)		400g	800g	400g	800g	400g	800g	400g	800g
Minimum graduation		0.1g	0.2g	0.1g	0.2g	0.1g	0.2g	0.1g	0.2g
Machine target weight range		14-500g	25-1000g	14-500g	25-1000g	14-500g	25-1000g	14-500g	25-1000g
Specification									
Touch screen display (RCU)		12.1" Colour LCD Display							
Number of presets		200							
DFT & RFT vibration control		Pulse width modulation (precise and programmable vibration frequency control - independent from input frequency)							
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: IP69K Rating							
Power	Wattage	0.45kW				0.5kW			
	Voltage	200-240V 50/60Hz 1-phase				380-480V 50/60Hz 3-phase			
Air**		150 litres/min (ANR) 0.4 Mpa Air hose - PT 3/8" (for air dryer connection)							
Net weight***		Approx. 550kg							
Standard compliance		CE/UL/FDA/USDA/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.

RV Series

No other multihead weigher supplier can match the experience and global installed base of Ishida and it is this expertise and pioneering spirit that has gone into this innovative multihead weigher. Extensive Ishida research and development have delivered improved speed, accuracy, reliability and ease-of use.

Features & Benefits

RV high performance features

- ▲ Pulse width modulation offers auto tuning of dispersion table and radial troughs
- ▲ Simultaneous triple combination calculation delivers up to 100% efficiency
- ▲ 5 stage digital filter ensures rapid, stable calculations
- ▲ Average weight control software minimises giveaway every cycle
- ▲ Anti-floor vibration removes background vibration noise from load cell calculation for maximum weighing accuracy and reduced product giveaway
- ▲ Ethernet connection to data link machine performance and for advanced remote customer care services from Ishida

More effective feeder vibration

Precise feeder drive control optimises product distribution enabling more combination weights are made available. This provides better and more consistent control of pool hopper filling, helping ensure the amounts available to the weigh hoppers are within a suitably low “tolerance” range.

Faster filtering

High speed filtering of the weigh hopper load cell signal combined with anti-floor vibration gives very fast stable outputs. Because of the reduced settling time, more heads are available for inclusion in the combination calculation - increasing the range of weight options, delivering market leading weigher efficiency and accuracy.

More efficient hopper control

In the design of the RV, our extensive applications experience has been used to produce optimum, programmable “door” acceleration and deceleration profiles, resulting in performance that can be exactly tailored to products being handled.

Top protection in challenging fresh & frozen environments

- ▲ Tested and independently certified IP69K (specific wash down instructions in operator manual)
- ▲ Humidity and temperature sensors as standard for easy control and detection of water ingress
- ▲ Access to Industry 4.0 technology for live, web based data analytics

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

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