



## R-Series linear multihead weighers features and benefits

Designed for low target weight applications, the layout of these compact weighers offers important advantages in terms of gentle handling and of simple, space-saving infeed arrangements, especially when it comes to mix-weighing.

### Superior product flow control

These weighers excel in handling free-flowing products that have a tendency to 'run away'. A load cell controls the infeed, with further photocell monitoring of the exit of the initial vibrating feeder trough. Here, a second trough carries the product stream as two separate channels, each regulated by a pneumatic shutter, on to the pool hopper. A timing hopper compacts each weighment before discharge.

### High speed, high accuracy

Each weigh head has two weigh hoppers. Combined with superior flow control, this enables high speeds (60-120wpm) to be attained, while maintaining excellent accuracy (typically 0.5 to 1.0g) and so keeping giveaway very low. Their compact size allows weighers to be combined over a single packing machine to easily reach speeds of, for example, 360wpm (two double-discharge 12-head machines, single product).

### Gentle handling of fragile products

From the infeed chute (which easily accepts product from a conveyor belt) through to the pool hoppers, individual drop distances are kept to a minimum. The combined drop from infeed to timing hopper is typically less than 600mm.

### Small footprint for economical use of space

These weighers fit easily into space-constrained factory layouts owing both to their very compact design and to the lack of any need for complex infeed arrangements, even when mix-weighing.

### Easy to operate and clean

The operator interface is simple and intuitive. Up to 200 product/pack presets can be programmed for fast changeovers. All contact parts are removable without tools for cleaning.

Main bodies are of stainless steel construction and washdown models can be specified.

### Long-life, low maintenance, environment-friendly

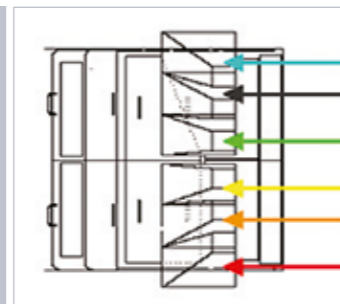
Weigh and drive units are of corrosion-resistant, dustproof construction. The superior product flow and gentle handling discourage dust generation and each machine has a dust-proof cover to help keep factory particulate levels low.



Two double-discharge weighers achieving 90x4wpm



Tool-free disassembly for cleaning



Linear structure allows compact infeed arrangements



Superior control of product flow

**ISHIDA EUROPE LIMITED**  
Kettles Wood Drive  
Woodgate Business Park  
Birmingham  
B32 3DB  
United Kingdom  
Tel: +44 (0)121 607 7700  
Fax: +44 (0)121 607 7888  
info@ishidaeurope.com

**ISHIDA CZECH REPUBLIC**  
Tel: +420 317 844 059  
Fax: +420 317 844 052  
info@ishidaeurope.cz

**ISHIDA ROMANIA**  
Tel: +40 (0)21 589 73 36  
Fax: +40 (0)21 310 34 22  
info@ishidaeurope.ro

**ISHIDA FRANCE**  
Tel: +33 (0)1 48 63 83 83  
Fax: +33 (0)1 48 63 24 29  
info@ishidaeurope.fr

**ISHIDA RUSSIA AND CIS**  
Tel: +7 499 272 05 36  
Fax: +7 499 272 05 37  
info@ishidaeurope.ru

**ISHIDA GERMANY**  
Tel: +49 (0)791 945 160  
Fax: +49 (0)791 945 1699  
info@ishida.de

**ISHIDA SOUTH AFRICA**  
Tel: +27 (0)11 976 2010  
Fax: +27 (0)11 976 2012  
info@ishidaeurope.com

**ISHIDA MIDDLE EAST**  
Tel: +971 (0)4 299 1933  
Fax: +971 (0)4 299 1955  
ishida@ishida.ae

**ISHIDA SWITZERLAND**  
Tel: +41 (0)41 799 7999  
Fax: +41 (0)41 790 3927  
info@ishida.ch

**ISHIDA NETHERLANDS**  
Tel: +31 (0)499 39 3675  
Fax: +31 (0)499 39 1887  
info@ishida.nl





# R-Series linear multihead weighers

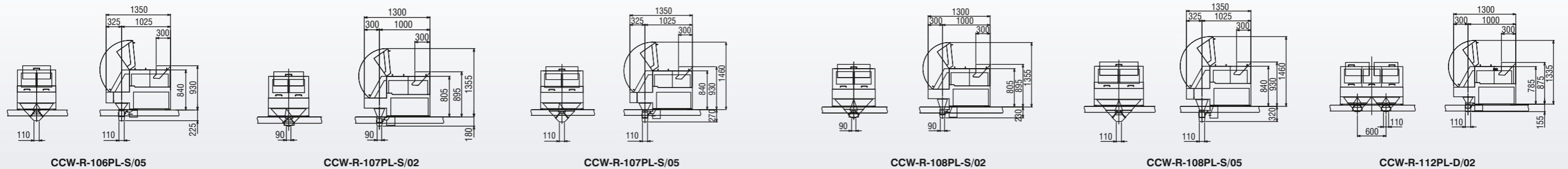
Fast, accurate packing of low target weight, free-flowing products and mixtures

These multihead weighers in linear format, with their superior flow control, are an excellent choice for handling low target weights (5g to 50g) of free-flowing dry or frozen products at high speed.

They are already used for major world brands of confectionery, nuts, dehydrated vegetables and biscuits. Their economical use of space in mixing lines makes them particularly suitable in, for example, the accurate combining of soup ingredients.

They include 6, 7, 8 and 12-head models, with hopper volumes ranging from 0.2 to 0.5l. Single and double discharge machines are available, and machines to handle up to six-mix. Weighers can be combined for faster speeds (e.g. 360ppm) and to mix larger numbers of components. Models can also be custom-built or tailored to meet exact specifications.

## Dimensions



Specifications	CCW-R-106PL-S/05	CCW-R-107PL-S/02	CCW-R-107PL-S/05
Weighing Capacity/Range (per single dump)	up to 500g	up to 500g	up to 500g
Weighing Accuracy (Max)*	$\bar{X} < 0.5g - 1.0g$	$\bar{X} < 0.5g - 1.0g$	$\bar{X} < 0.5g - 1.0g$
Maximum Volume for Weighing (per single dump)	0.8 litres	0.3 litres	0.8 litres
Weighing Speed (Max)**	65 WPM	120 WPM	90 WPM
Minimum Graduation	0.1g	0.1g	0.1g
Touch Screen Display (RCU)	12.1" TFT Colour LCD		
Weigh Cell	Double-beam strain gauge load cell		
Number of Presets	200		
Material	Product surfaces are made of stainless steel or other sanitary materials		
Machine Weight	380kg	380kg	420kg
Options	Various options are available - Please contact Ishida distributors		
Structure of Waterproof Machines	IP66 Approval		
Air Consumption (Waterproof models)	110 litres/min (ANR) 0.5 Mpa Air hose - PT 3/8" (for air dryer connection) Note: Air compressor must be provided by the end user		

Design and specifications are subject to change without notice.

\*Depends on target weight, weighing speed and packing conditions \*\* Depends on product shape, product density, target weight, etc.

Specifications	CCW-R-108PL-S/02	CCW-R-108PL-S/05	CCW-R-112PL-D/02
Weighing Capacity/Range (per single dump)	up to 500g	up to 500g	up to 500g
Weighing Accuracy (Max)*	$\bar{X} < 0.5g - 1.0g$	$\bar{X} < 0.5g - 1.0g$	$\bar{X} < 0.5g - 1.0g$
Maximum Volume for Weighing (per single dump)	0.3 litres	0.8 litres	0.3 litres
Weighing Speed (Max)**	60 WPM (2 mix)	60 WPM (2 mix)	(90 + 90) 180 WPM
Minimum Graduation	0.1g	0.1g	0.1g
Touch Screen Display (RCU)	12.1" TFT Colour LCD		
Weigh Cell	Double-beam strain gauge load cell		
Number of Presets	200		
Material	Product surfaces are made of stainless steel or other sanitary materials		
Machine Weight	420kg	450kg	600kg
Options	Various options are available - Please contact Ishida distributors		
Structure of Waterproof Machines	IP66 Approval		
Air Consumption (Waterproof models)	110 litres/min (ANR) 0.5 Mpa Air hose - PT 3/8" (for air dryer connection) Note: Air compressor must be provided by the end user		

Design and specifications are subject to change without notice.

\*Depends on target weight, weighing speed and packing conditions \*\* Depends on product shape, product density, target weight, etc.