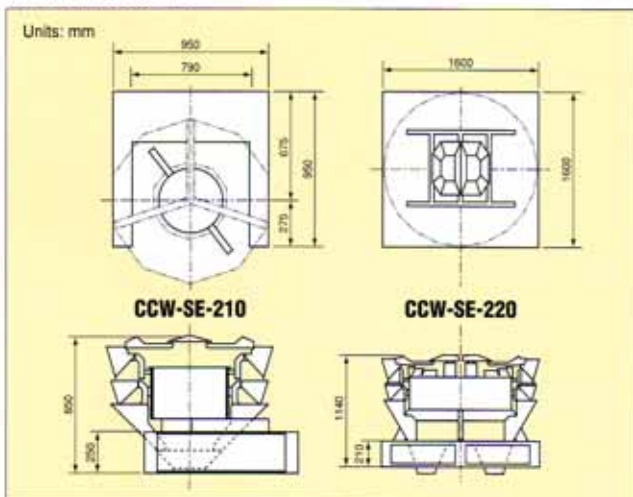




CCW-SE multihead weighers are affordable and easy-to-operate systems that maintain Ishida's reputation for manufacturing quality. The single discharge 10-head model achieves speeds to 55 weighments per minute. The 20-head twin-discharge model, operating as two independent 10-head systems on a common framework, produces up to 55 weighments per side. CCW-SE weighers are easy to clean and maintain, and incorporate Ishida's proven technology to ensure years of dependable performance on the packaging line.

DIMENSIONS



SPECIFICATIONS

Model	CCW-SE-210		CCW-SE-220	
	Weighing Capacity/Range (per single dump)	up to 500g	up to 1000g	up to 500g /one side
Weighing Accuracy (Max)(*)	$\bar{X} < 0.5g \sim 2.0g$	$\bar{X} < 1.0g \sim 5.0g$	$\bar{X} < 0.5g \sim 2.0g$	$\bar{X} < 1.0g \sim 5.0g$
Maximum Volume for Weighing (per single dump)	3 liters		3 liters / one side	
Weighing Speed (Max)(**)	55 WPM		55 WPM / one side	
Minimum Graduation	0.1g	0.2g	0.1g / one side	0.2g / one side
Touch Screen Display (RCU)	Fluorescent display (256 x 64 dot)		Fluorescent display (256 x 64 dot) for each side	
Weigh Cell	Double-beam strain gauge load cell in a new design			
Number of Presets	50		50 / one side	
Material	Product contact surfaces are made of stainless steel			
Machine Weight	250kg		650kg	
Options	Various options are available. Please contact Ishida distributors.			

Note: Specification subject to change without notice. (*) Depends on target weight, weighing speed and conditions. (**) Depends on product shape, product density, target weight, etc.





CCW-SE SERIES



NEW FEATURES

- Unique Main Body Design for 10-head Weigher

The open-ended main body frame provides quick access to product contact parts for easier cleaning and maintenance.

- Dual-discharge 20-head Weigher

Separate Remote Control Units operate each half of the system, allowing a different product to be independently weighed and discharged on each 10-head side.

- Packaging Machine Interface

The frame design and simplified controls ensure easy interface to any packaging machine for quick line start-ups.

- Sanitary Construction

Product contact parts can be easily removed without tools for cleaning. Hoppers with rounded corners prevent build-up of product residue, further reducing clean-up time and labor.



- Enhanced Stepper Motors

Specially developed high power stepper motors precisely control opening and closing of hopper doors.

- Easy-to-Operate

The user-friendly Remote Control Unit prevents operator errors and promotes production efficiency. Simple procedures store up to 50 presets to reduce downtime for product changeovers. Graphs and histograms of production data are clearly displayed on the large 256 x 64 pixels display.



Remote Control Unit

- Digital Filtering

The processor adjusts the filter time of information between the weigh head and the computer depending on operating conditions, unlike less sophisticated systems where the time is fixed on installation at a pre-set level. CCW-SE weighers maintain accuracy while increasing weighing speeds by

ensuring that a weigh signal is never over-filtered.

- Digital Signal Processor (DSP)

In order to handle the many high speed adding and multiplying computations required for digital filtering and weigh data processing, a high speed "DSP" chip has been included. DSP permits accurate signal processing under a wide range of weighing conditions.

BENEFITS

- Easy Operation

-Weigher operations are entered through the user-friendly Remote Control Unit (RCU) menu with fluorescent display. Up to 50 different product settings (presets), including target weight value and feed conditions, can be stored in its memory, allowing easy and accurate operations with a minimum amount of training.

-Separate control of each radial feeder improves product feed for optimum weighing efficiency. A timing hopper is available as an option to meet specific interface requirements.

- Easy to Clean

-All hoppers and radial feeder troughs are interchangeable, reducing cleaning time through quicker re-assembly.

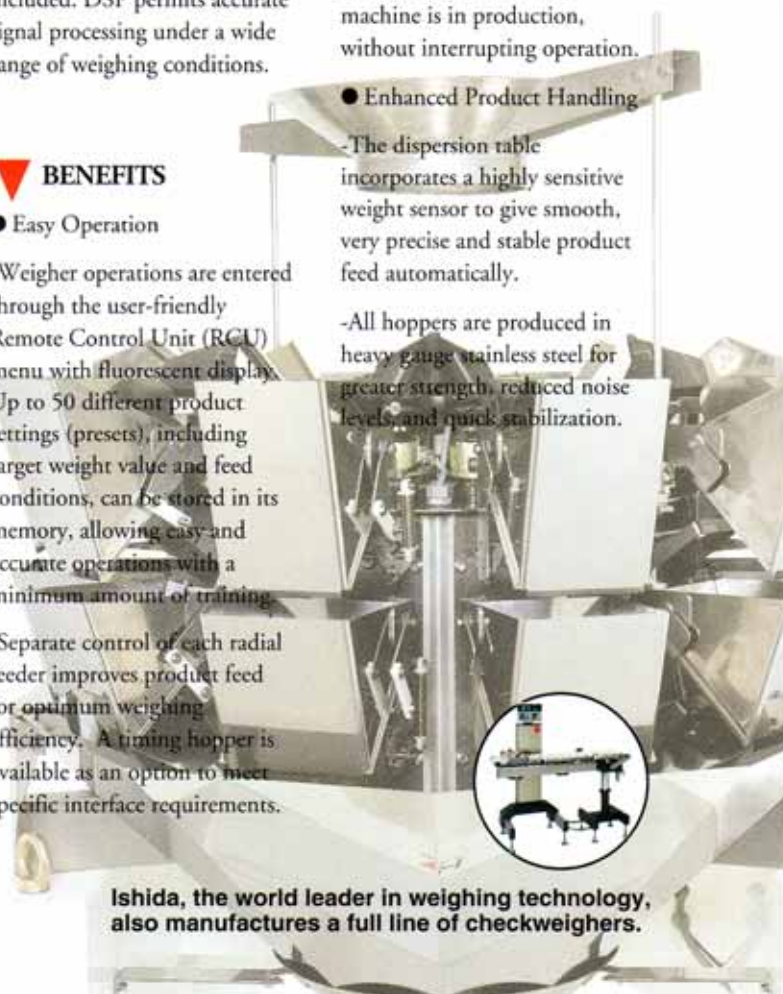
-Hopper doors can be held open on the weigher for easy cleaning.

-Hoppers can be individually removed and replaced while the machine is in production, without interrupting operation.

- Enhanced Product Handling

-The dispersion table incorporates a highly sensitive weight sensor to give smooth, very precise and stable product feed automatically.

-All hoppers are produced in heavy gauge stainless steel for greater strength, reduced noise levels, and quick stabilization.



Ishida, the world leader in weighing technology, also manufactures a full line of checkweighers.

Design and specifications are subject to change without notice.

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