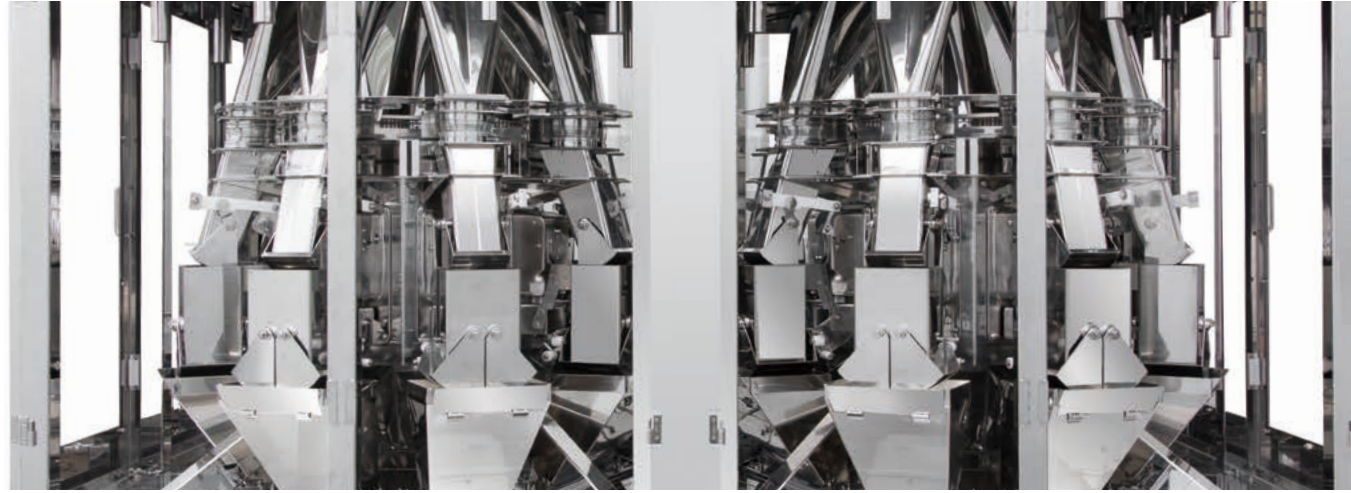


CG series

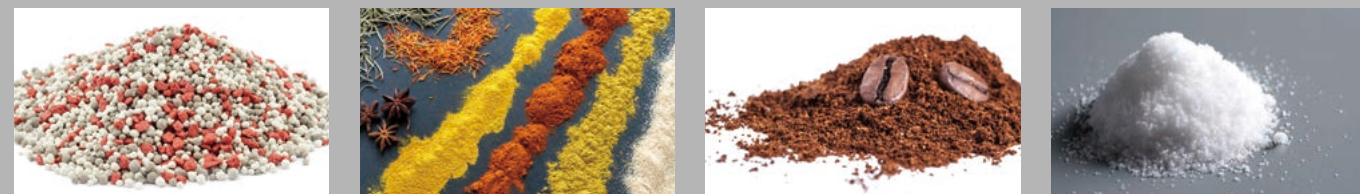
High speed, high accuracy
granular weighing solution achieves
industry-leading levels of performance



The Ishida automatic cut-gate weigher delivers the innovation for weighing granular products from point of view of precise weight control and faster production speed. Unlike auger filling machines, it does not damage or deactivate the product.

The CG-V series offers precise weighing of granular products such as detergents, instant coffee, rice, sesame and other grains, tea, couscous, sugar, salt, powdered drink or soup mixes, spices and agricultural chemicals.

- Weighing products with top accuracy and speed through the use of load cells and automatic feedback control.
- Easy to operate, clean, and maintain with quick product changeover which minimizes downtime and increases profit.
- Variety of hopper sizes available to handle wide range of target weights.
- Nitrogen gas flashing system and sealed enclosure are also available.



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ISHIDA

Cutgate weighers for granules and powders

CG series



CG series:

The technology behind the benefits

Significantly reduced downtime, product giveaway and increased profit

The CG-V Series is the high speed, higher performance Ishida cut-gate weigher designed to weigh granular application products very accurately. The simple design and application presets make the CG-V Series fast and easy to use as an in-line solution.



Precise weighing accuracy

Highly accurate Ishida load cell and high-speed feedback control system allow stable and accurate weighing. Significantly reduces product giveaway compared to conventional methods.



Gentle product handling

Compared with auger fillers which are the conventional weighing method, the cut-gate feeding system dramatically reduces product damage and minimizes product giveaway.



Easy to clean and quick changeover

No tools are required to remove cut-gate, weigh hopper and many other parts, simplifying clean-up procedures and reducing changeover time. Simple preset change with the press of a button.



Increase in productivity

The high-speed motor controlled timing hopper system which moves up to 60 weighments per minute contributes in maximizing the production speed and the powerful and tight gate closing does not allow product leakage.

* Timing hopper system is an optional device.

CG series

Single head



CG-202(3)L-101L

3-head



CG-202(3)L-103L

4-head / 6-head



CG-202(3)L-104F

3-head



CG-R-203L

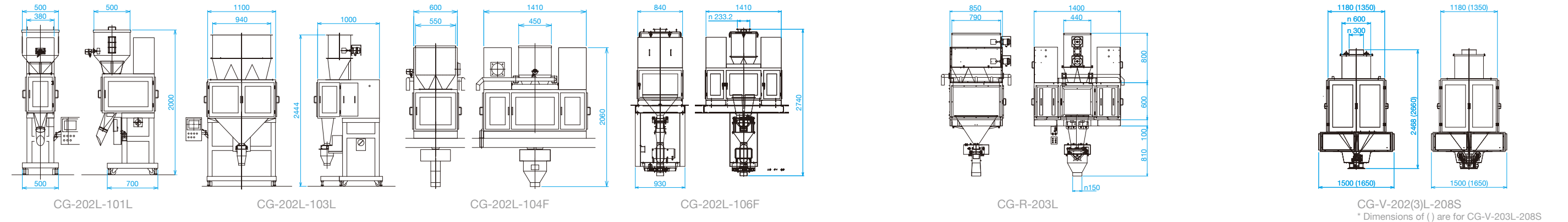
8x2-head



CG-V-202(3)L-208S

Dimensions

* Dimensions vary with the application



Standard specification

Model	CG-202L-101L/CG-202L-102L/CG-202L-103L	CG-203L-101L/CG-203L-102L/CG-203L-103L	CG-202L-104F/CG-202L-106F	CG-203L-104F/CG-203L-106F	CG-R-202L	CG-R-203L	CG-V-202L-208S(T)	CG-V-203L-208S		
Performance										
Head Count	1, 2 or 3			4 or 6		1, 2, 3, 4, 6 and 8 head configurations available		8 and 16 head configurations available		
Weighing Capacity(per head)	up to 1,000g		up to 5,000g		Up to 2,000g	Up to 5,000g	Up to 1,000g	Up to 5,000g		
Weighing Speed ¹⁾	up to 15 WPM (per head)		up to 10 WPM (per head)		up to 15 WPM (per head)	up to 10 WPM (per head)	Up to 120 WPM(15 WPM per head)		Up to 80 WPM (10 WPM per head)	
Weighing Accuracy ¹⁾	$\sigma=0.2-0.6g$									
Minimum Graduation	up to 1kg : 0.1g 1kg to 2kg : 0.2g		1.0g		up to 1kg : 0.1g 1kg to 2kg : 0.2g	1.0g	Up to 1kg : 0.1g 1kg to 2kg : 0.2g	1.0g		
Maximum Volume for Weighing(per head)	3,000cc		8,000cc		3,000cc	8,000cc	2,500cc	6,000cc	3,000cc	6,000cc
Weigh Cell	Ishida Double-beam Loadcell									
Number of Presets	50									
Specification										
Material	Product surfaces are made of stainless steel or other sanitary materials				Product surfaces are made of stainless steel or other sanitary materials					
Power Supply	Consumption	260W		450W		530W(6head)		1300W		
	Voltage Current	AC100 - 240V 50/60Hz (External transformer will be needed for 380, 400, 415, 440, 460, 480V)				AC100 - 240V 50/60Hz (External transformer will be needed for 380, 400, 415, 440, 460, 480V)		AC100 - 240V 50/60Hz (External transformer will be needed for 380, 400, 415, 440, 460, 480V)		

¹⁾ Depends on product shape, product density and target weight.

CG series



Coffee beans
Target weight: 500g
Expected speed¹⁾: 10 WPM
Accuracy: ±0.7g



Sesame
Target weight: 750g
Expected speed¹⁾: 10 WPM
Accuracy: ±1.0g



Washing powder
Target weight: 3,000g
Expected speed²⁾: 4 WPM
Accuracy: ±2.0g

¹⁾ The value is the expected speed per head when weighing with CG-V-202L.
²⁾ The value is the expected speed per head when weighing with CG-V-203L.