

Computer Scale Automatic Weighing System



» Features

» Diagram

Robotic food work supply and computer scale cooperation to save labor in weighing work

Measuring work mass during handling with a dynamic measuring sensor

MELFA-3D Vision 3.0 retrieve irregular food work with model-less recognition

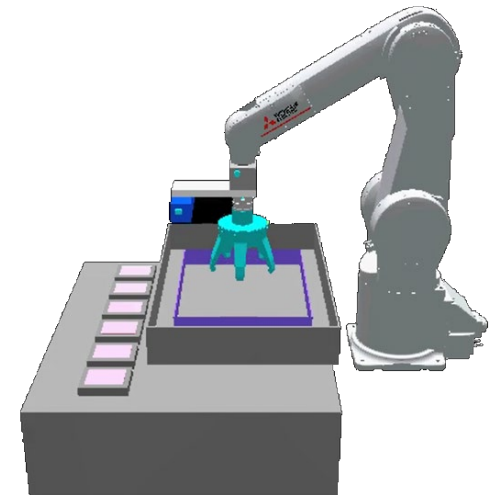


Compact Semi-Auto combination weighing machine
CCW-RVE



Dynamic metering sensor
IMAS-G

MELFA-3D Vision 3.0



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» dynamic metering system Specifications: IMAS-G

» Meter Specifications: CCW-RVE

Weighing Unit

Item	Unit	Specification		Note
		IMAS-G-S016	IMAS-G-S100	
Weighing Direction	—	Horizontal, Vertical	Vertical	
External dimension	—	See layout drawing	See layout drawing	
Device Weight	g	4 5 0	4 0 0 0	Except cable
Rated Load	N	1 6 0	1 0 0 0	
Weighing Accuracy 3σ	g	Dynamic weighing : 0.5 Static weighing : 5.0	Dynamic weighing : 1.0 Static weighing : 5.0	
Weighing Range(Ex)	g	0~6 0 0 0 (Tooling 2 k g、2 G)	0~3 0 0 0 0 (Tooling 2 0 k g、2 G)	
Allowable Overload	N	4 0 0	2 0 0 0	
Allowable Moment	Nm	1 0	5 0	
Operating Temperature	°C	0~3 5		
Operating Temperature Range	%RH	2 0~8 0		No condensation
Protection Rate	—	IP 3 0		

Control Unit

Item	Unit	Specification	Note
External dimension	—	See layout drawing	
Device Weight	g	2 4 0 0	
Power Supply Voltage	VAC	1 0 0 - 2 4 0	
Maxi Power Consumption	W	2 5	
Pararell I/O	—	Input × 2 c h、Output × 1 0 c h	
Communication	—	R S - 2 3 2 C × 1 c h / イーサーネット × 1 c h	Use either one

Weight Unit~ Control Unit Cable 6m、10m、15m、Software bundled with Windows operating as bundled software

IMAS
Ishida Multi Adaptive Scale



Model	CCW-RVE-106WB-1S/08-WP-C	
Weighing capacity	500g (400g per head)	1,000g (800g per head)
Minimum graduation	0.1g	0.2g
Hopper size	08	
Weighing range * 1	20g~500g	20g~1,000g
Weighing volume (max.) ^{*1}	1,200cc	
Weighing speed (max.) ^{*1}	30wpm	
Accuracy ^{*1}	1.0g~3.0g	2.0g~5.0g
Mix / Multi-discharge	IP66	
Structure of body	Color LCD	
Number of preset	200	
Power consumption ^{*2}	Single phase AC200V 0.5kw 3.5A	
Air consumption ^{*3}	10litres (ANR) 0.5MPa	

* 1) Specifications for single weighing. Depends on product shape, product density, target weight and target speeds.
* 2) Voltage fluctuation: within +/-10% * 3) When air purge system is installed.(Option)
External transfer is required for 380V/400V/415V/460V/ 480V.



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