

CW SERIES

In-Motion Check Weigher / Metal Detector / Ejector



In-motion Weight Check Station

- ✚ Up to 100 sets of target (OK weight), HI, LO and Tare can be stored by individual code number.
- ✚ Display (default) – Stores and recalls up to 100 sets of pre-sets items by individual code number:
 - Total number of pieces checked
 - Total number of pieces accepted
 - Target weight
 - Bar graph indicates deviation from target weight.

Metal Detector

- ✚ GLS metal detection systems detect all ferrous and non-ferrous metals (steel, stainless steel, aluminum etc), even those which may be contained in the products. If metal is detected, a signal is sent to the process controller or the reject unit will be activated.
- ✚ The enclosed type of construction ensures that very high sensitivity is achieved throughout the entire tunnel area. For this reason the GLS range is highly suited to the precise applications in the food industry.
- ✚ The size of the detector is dependent upon application, conveyor belt width and product height.



CW series is specially designed for carton pack products such as Sugar, Flours, Spices, Grains, Cocoa, Margarine, and Ghee.

The end of line inspection system in foods packaging is increasing the quality control integrity, protecting the customer's well being and its brand image. More importantly, the retailers and consumers are well informed and ensured of the quality standard. This healthy outcome gives rise to an opportunity to increase the market's share and revenue.

CW series, End of Line Inspection System blends seamlessly into the production line for fast and efficient weighing, metal checking and rejecting the unqualified products. The CW series is available in configurations to meet a wide variety of packaging needs in many food industries.

CW series inspection system is available in a wide variety for different product size; a number of options are also available to fit specific applications. Line speed of up to 50 meters per minute which can handle packages weighing up to 100kg. There is also an improved production line quality control in food packaging. They are robust, reliable, low in maintenance and finally, competitively priced.

Weighing Controller AD4404 Features

- 100times/sec, high speed sampling..
- High display resolution to 16,000 counts.
- Up to 1 million counts of A/D resolution.
- Easy to get judgment by Hi/OK/Lo or HiHi/Hi/Lo/LoLo comparator lights with buzzer.
- Foreign material detection input is added.
- Bar graph shows where the weight of an object falls within the OK range.
- Weight, accepted pieces, accumulated piece count, name of the product weighed and standard deviation can be displayed at a touch of a bottom.
- Bright and large 13mm (0.52 inch) florescent display.
- Standard current loop output and standard RS-485
- Full digital calibration makes zero and span calibration a breeze
- Complete RFI/WMI protection



Carton Reject Station

Rejection System can be:

- ✚ Electrical Belt Driven
- ✚ Pneumatic Pusher
- ✚ Pneumatic Diverter
- ✚ Air Blaster

Machine Specification (Subjects to change without prior notice)

Check Weigher Model	CW-0804-30K/AD4404
Capacity (Weight/Dimension)	1- 30kg / (L150-450xW100-400xH50-350mm)
Accuracy*	+/- 10g
Weigher Size (L x M x H)	800 x 500 x 180mm
Through put Speed*	12- 20 Checks / min
Drive Unit	Heavy duty Encapsulated Drum Motor
Conveyor Type	Belt
Construction*	Mild steel with oven baked powder coated
Power/Air Supply	230Vac, 1, 50Hz, 0.5kw / 6-7 bars at 10 Cum/hr

*Accuracy varies according to belt speed, product stability and check size.

*OPTION:

In-feed Conveyor / Pitch Regulator

Belt Speed 30-50m/min

Construction for weigher / conveyor frame in SS304

Customized construction in any size for weigher / conveyor



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