Checkweighers

Image: Description of the second s

Color Touch Screen Large 15" display for excellent

visibility and easy operation. Dashboard style configuration presents all pertinent information at a glance.



Servo-Cam Rejecters The servo-cam rejecter will gently

redirect the non-conforming container without damage or spillage while maintaining maximum throughput.



CM9400 Shown with an XS Controller and Optional Signal Device.

The CM9400, ideal For Round Containers

The CM9400 Canweigh checkweigher is ideal for round containers such as cans and bottles, it uses patented HI-SPEED technology that eliminates the need for timing screws and integrates timing, spacing, and scale sections allowing seam-to-seam weighing that enables the checkweigher to run at the same speed as the balance of the line.

Combine the CM9400 with the XS control and this is an unbeatable combination where you can view your process from long distances.



Side Transfer Conveyors

Side transfers enable convenient integration of the checkweigher alongside existing product lines, delivering smooth product transfer on and off the product line.



HI-SPEED Checkweighing

CM9400 Canweigh

Fast, accurate, and reliable

Technical Data CM9400 – for more uptime and tighter tolerances

The CM9400 is an excellent checkweigher for round containers such as cans, jars, and bottles. The HI-SPEED industry leadership led to the development of the patented CM9400 Canweigh design, which integrates timing, spacing and scale sections to eliminate timing screws and enable seam-to-seam weighing.

The optional side transfer conveyors can be integrated with reject mechanisms to efficiently quarantine non-conforming products, redirecting them to holding bins, rework lines, or scrap areas.

The XS user interface allows for monitoring the Canweigh production line from long distances.

Standard Features

- 300 Series Stainless Steel Constructions with 2B or #4 Finish
- 5 Weight Zones for Classification of Under, Accept, and Over Weight Packages
- Flexible Production Line Integration
- IP65 Ingress Protection

XS Control

- Bright, High Contrast 15" Diagonal Color Touch Screen User Interface
- 1280 x 960 Color Pixel Resolution
- Informative "Dashboard" Layout Featuring 23 Separate Fields for "At-a-Glance" Monitoring of Production Processes
- Industrial PC with Windows[™] XPe Operating System
- Intuitive Menu Driven Navigation
- 200 Product Memory
- 5 Weight Classification Zones
- Multi-Level, Password Protected Security System
- Statistics Program for Monitoring of Production Results
- Supports 23 Languages

Options and Accessories

- 7 Weight Classification Zones
- 400 Product Memory
- Weight Data Interface: Serial or Ethernet TCP/IP
- Fieldbus Interface Modules (FIM) for: DeviceNet, ControlNet, Ethernet IP, and Profibus DP
- HI-SPEED OPC Server
- Ethernet TCP/IP Interface for METTLER TOLEDO Freeweigh.Net SQC Program
- PrintStick Reader PC Software
- Single Head Filler Feedback Control for Optimizing Fill Processes
- Guide Rails Transfer
- Draft Shield and Reject Bins





CM9400 Typical Schematic

Technical Data	CM9400
Weighing Range, Specific To Article Weight*	28 g to 1200 g
Package Diameter	Minimum 43 mm, Maximum 114 mm
Package Height	Minimum 26 mm, Maximum 184 mm
Accuracy* @ ± 2 Sigma	1 to 3 g
Speed**	26 to 61 mpm
Throughput (Weighings/Minute)**	400 to 800 cpm
Line Height	762 – 1219 mm ± 50 mm
Typical Machine Footprint	1207 mm Long x 375 mm Wide
Motor	24 VDC IP65 Servo Brushless Motors with Speed Memory
Weigh Cell	Hermetically-Sealed, Moment Insensitive, Analog Strain Gauge
Standard Sorting/Rejecting Device	Horizontal Air-Operated Mini-Plow or Vertical Servo-Cam Rejector
Compressed Air Supply	60 to 115 psi
Power Requirements	110/220 VAC, 50/60 Hz, Single Phase, ≥ 500 VA

* Depends on the design and dimensions of the weighing belt used

** Depends on the weight, dimensions, and transport of the product to be weighed



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