

# CIM100

## In-Motion Checkweigher



- Improve Productivity
- Reduce Labor
- Improve Throughput
- Enhance Quality Control
- Control Your Bulk Packaging of Products



- Up to 200 ft. (61m) per minute belt speed
- Weight or zone classification modes
- Package weights up to 200 lb / 90 kg
- Custom hardware/software available

# CIM100 In-Motion Checkweigher

Fuller Weighing Systems' CIM100 In-Motion Checkweigher keeps your production line humming to reduce labor costs while providing accurate weight of each package. Available in your choice of two conveyor sizes, the Fuller In-Motion Checkweigher blends

seamlessly into your line for fast, efficient weighing. A number of options are available to customize the CIM100 to fit your specific application, whether it's packages, parts, or food handling.

## FEATURES & BENEFITS

- Weight output to printer
- Simple setup and product changeover
- Averaged weight sampling for greater accuracy
- Reject output for out-of-tolerance products
- 10 character numeric ID
- Multi-zone checking (over-under-accept)
- Zone counter for each zone
- Time and date printing

### Scale Conveyor Specifications

- Mild steel construction, epoxy paint
- Anti-static polyester fabric conveyor belt
- Dimensions: 48" L x 24" W x 32" H / 122cm L x 61cm W x 81cm H (shown, see options)
- Optional variable belt speed up to 200' (61m) per minute
- 1/2 Horsepower AC fixed speed motor requires 230/460 VAC 3 PH, 50/60 Hz
- Photo eyes require 115 VAC 60 Hz



### Cardinal Model 220 Weight Indicator

12-digit, 14-segment, .8" (20mm) high backlit LCD



### Controller Specifications

- NEMA 4X/IP66 stainless steel enclosure
- Sample rate: 1 to 100 samples per second, selectable
- Dual RS-232 ports
- Operating temperature: 10 to +40°C/+14 to 104°F
- Power: 110/230 VAC, 50 or 60 Hz
- Solid state control signals, 1 amp @ 120 VAC
- Enter and Exit photo eyes, presets, outputs for 3 weight zones, alarm and reject functions

### Options:

- Food grade conveyor belt
- Stainless steel construction
- Custom conveyor sizes - consult factory
- Printer (records weight of each item, or prints summaries)
- Feed conveyor start-stop (for unevenly spaced items or those sent through at too great a speed)
- Five zone checking

- Product memory (store set points and accumulators by product name)
- Alarm (set to sound when the conveyor is empty for too long, over capacity, and other error conditions)
- Variable speed options for belt speeds up to 200 feet (61 m) per minute
- Rejectors (take away arms to direct "off" weights to a separate area)
- Statistical software package



Cardinal Scale reserves the right to improve, enhance or modify features and specifications without prior notice.

Sold By:



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