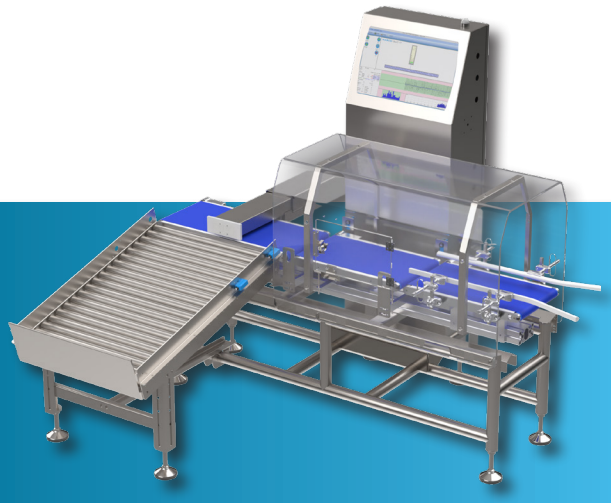
MARCO®
Smart Weighing Technology Experts
AN ATS COMPANY

CHECKWEIGHER MCW CARTON



The MARCO Checkweigher is a high-precision, end-of-line smart weighing device engineered for reliability and longevity in demanding environments.

This state-of-the-art system ensures product consistency by verifying that each package meets the customer's specified weight requirements. As items move along the production line, the conveyor scale accurately measures individual pack weights. Any packs falling outside the predetermined specifications is automatically identified and diverted to a separate reject conveyor for manual inspection.

Features:

- Single Point Loadcell provides fast speed response & high accuracy weight capture.
- Product Optimisation Teach Function ensures optimal product settings are used.
- Local Product Presets, easy to create, edit or switch between products.
- Local reports accessible via network folder or USB.
- Direct Integration with MARCO Yield Control Module provides single point line start ups & PC based reporting.
- Grade 304 Stainless steel frame, option for Tubular or Open Channel Design.
- Up/Down Stream Interlock connection.
- Food Grade Belts with thumb nut belt tracking (no tools).

Parts	Description
Material of Frame	304 Stainless steel
Frame Style	Open Channel & Tubular Construction
Weighing range (g)	50-3000
Minimum scale (g)	1
Best accuracy (g)	±1
Max throughput (pcs/min)	160ppm
Width of weighing belt (mm)	240
Length of weighing belt (mm)	455
Height of conveyor belt (mm)	610 +/-50
Direction of throughput	Left to Right or Right to Left
Alarm mode	Visual Beacon
Reject device	Pusher
Power	100-240V Single Phase
Working environments	Free of obvious vibration and air flow
Max Product Dimensions	220w x 330l x 230h
Reject Bin Style	Angled Gravity Roller Conveyor

Components:

- Single Point Loadcell
- Wenglor Photocell
- SMC pneumatics
- High Precision structural Components by CNC
- Grade 304 Stainless Steel

Electrical Requirements:

- Single Phase 110-240V
- 700VA (5amps)

Air Requirements:

- Generally, 6bar clean dry air

note: Specifications subject to change without notice
All speeds and sizes are subject to product and packaging confirmation