C Series

The versatile **checkweigher for all-round applications**

Aerosols	Cans	Chemicals	Cosmetics	Food	Non-food	Pharma

The innovative **EasyWeigh®** technology allows to operate with C Series checkweighers **without any needs for calibration or product's learning procedures**, unlike the most part of the machines on the market - working with a "peak weight" algorithm.

C Series checkweighers are the compact and modular solution to integrate, at reduced costs, the end-line control in small spaces.

Sturdy and flexible, it can easily be combined with metal-detectors, visual or labeling systems.

Application examples

- Pasta bags
- Net of fruits
- Cheese bits
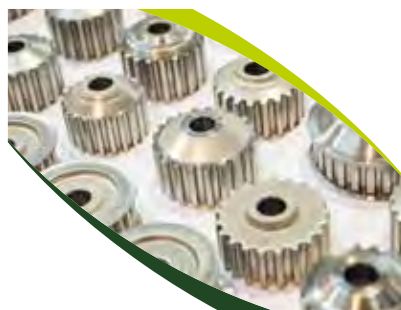- Tall and thin bottles
- Sprays
- Multiple candles packs
- Absorbents and diapers
- Paint cans
- Candies
- Hands and face lotions
- Dough balls

Main Features

All-round Player

Compact, accurate, cost-effective solution for the quality control in every industry.

Reliable

Sturdy and flexible, this long-lasting, use-intensive system grants **low maintenance costs**.

User-friendly

With **EasyWeigh®** technology there is **no need for calibration or learning procedures**.

Certified

MID European Directive and **OIML R-51 full certified**. NEMESIS is an **ISO 9001 company**.

AUTOMATIC EJECTORS

- Side pneumatic ejector
- High-speed pneumatic ejector
- Air blast ejector
- Double-nozzle air blast ejector
- Rodless pneumatic ejector
- Drop-down ejector

INFORMATION PACKS

- 7" touchscreen control panel
- 10" touchscreen control panel
- NEMESIS Data Manager
- NEMESIS Analytics
- Integrated printer for reports
- Lights and acoustic alarm tower

SECURITY DEVICES

- Air pressure check
- Rejection photocell
- Reject bin full photocell
- Plastic reject bin
- Stainless steel reject bin

APP-SPECIFICS

- Proactive feedback correction
- Remote control panel
- Feeding screw
- Pair of feeding belts
- Reinforced architecture

Technical Datasheet

Capacity	15g up to 8kg
Scale interval "e"	≥ 0.5g
Display resolution "d"	≥ 0.1g
Accuracy (3σ)	≥ ±0.07g
Throughput	≤ 400 ppm
Belt Speed	≤ 120 m/min
Power Consumption	≤ 0.3 kw
Configuration	1 up to 6 conveyors
IP Protection	IP54 (IP65 option)
Height	460 mm up to 1,200 mm
Conveyor(s) width	90 mm up to 456 mm
Conveyor(s) length	150 mm up to 750 mm
Conveyor(s) type	Polyurethane Belt Modular Plastic V-shaped

Drop-down ejector   *T-Bar rodless ejector*

Case study: Twin Checkweigher for Pasta

This project is an example of our **customization possibilities:** the designed solution is a tailor-made Series C Twin Checkweigher.

Pasta packs run on **two parallel channels,** each scaling the products and ejecting non-complying ones.

The parallel channels can work together at a time as well as individually.

Side ejector

Stainless steel reject bin

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