



# R Series

High-speed specialist checkweigher



Aerosols



Cans



Chemicals



Cosmetics



Food



Bricks



Bottling



≤ 600 ppm

IP66K

R Series chain checkweighers combine an **unparalleled sturdiness** with high accuracy, even at the highest working speed, and an innovative design, conceived for the application in harsh industrial environments.

Available in numerous configurations, with 1 to 4 chain conveyors and width measurements ranging from 50 mm to 230 mm, for checking cans, jars and bottles.



## Application examples

Soft drink cans

Solvent jars

Canned sardines

Milk bricks

Olive jars

Mayonnaise

Tuna

Shampoo

Coarse salt

Orange juice



## Main Features



### Extra High-Speed

Suitable for **weighing and sorting** products **up to 600 pieces per minute**, with a top level accuracy.



### Invulnerable

**IP66K protection**, for working in harsh and dirty conditions. **High-pressure waterjet fully washable**.



### User-friendly

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



### Innovative Design

**Special chain conveyors**, engineered for the best handling of products like cans, sprays etc.

🕒 ≤ 600 ppm

☔ IP66K



### AUTOMATIC EJECTORS

- Side pneumatic ejector
- High-speed pneumatic 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



### APP-SPECIFICS

- Proactive feedback correction
- Remote control panel
- Feeding screw

## Technical Datasheet

<b>Capacity</b>	20 g up to 6 kg
<b>Scale interval "e"</b>	≥ 1 g
<b>Display resolution "d"</b>	≥ 0.5 g
<b>Accuracy (3σ)</b>	≥ ±0.3 g
<b>Throughput</b>	≤ 600 ppm
<b>Belt Speed</b>	≤ 120 m/min
<b>Power Consumption</b>	≤ 0.5 kw
<b>Configuration</b>	4 conveyors
<b>IP Protection</b>	IP66K
<b>Height</b>	460 mm up to 1,200 mm
<b>Conveyor(s) width</b>	90 mm up to 304 mm
<b>Conveyor(s) length</b>	150 mm up to 650 mm
<b>Conveyor(s) type</b>	Chain Modular Plastic

*Safety cabin*



*Progressive ejector*



# R Series



## Checkweigher

### Case study: Sorting Cans @ 600 ppm

Cans are **weighed** and **sorted** at the **impressive speed of 600 pieces per minute**, the high-speed pneumatic ejector discarding all overweight/underweight ones (the black cans in the movie).

The special chain architecture of the conveyors grants the best handling of the products.



*Feeding screw*

*Light/sound alarm tower*



[www.nemesis.it](http://www.nemesis.it)