S Series

High-speed **checkweigher** for the **lightest weights**

| Aerosols | Chemicals | Cosmetics | Non-food | Pharma |

S Series checkweighers can be integrated with datamatrix one-dimensional or two-dimensional marking systems, display system for monitoring the package and marking, multiple ejector systems with strict separation of the different products rejected.

S Series is the range of checkweighers designed to respond to the modern requests of the **pharmaceutical industry**, with particular focus on the GMP regulations and the stringent quality control reference standards.

Application examples

- Bolts and screws kits
- Monoportion biscuits
- Travel plastic cutlery
- Cosmetics
- Tall and thin bottles
- Sprays
- Blisters of pills
- Blood glucose testers
- Eyewash jars
- Candies

Main Features

GMP regulated

Quality control meeting the current **requirements** of the **pharma** industry, first of all **GMP**.

Lightweight Expert

Top class accuracy for **1 gram up** products, even at the **highest** industrial **speed** rates.

User-friendly

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

Modular

Fully integrable with **visual control, marking, tracing systems,** barcode readers etc.

AUTOMATIC EJECTORS
- Side pneumatic ejector
- High-speed pneumatic ejector
- Air blast ejector
- Double-nozzle air blast 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	1 g up to 600 g
Scale interval "e"	≥ 0.1 g
Display resolution "d"	≥ 0.01 g
Accuracy (3σ)	≥ ±0.005 g
Throughput	≤ 600 ppm
Belt Speed	≤ 120 m/min
Power Consumption	≤ 0.3 kw
Configuration	3 up to 6 conveyors
IP Protection	IP54 (IP65 option)
Height	460 mm up to 1,200 mm
Conveyor(s) width	45 mm up to 160 mm
Conveyor(s) length	150 mm up to 350 mm
Conveyor(s) type	Polyurethane Belt V-shaped

10" touchscreen control panel

Pneumatic ejector for bottles

Case study: Sorting Sprays and Bottles

These systems were properly designed for scaling and sorting bottles, sprays and tall cylindrical products.

Featuring a **double couple of feeding belts, extra-small scale** conveyor and **knife-edge conveyor support rollers,** the machine allows a perfectly smooth and sure transfer of the products and a **top-level accuracy.**

Double air-blast ejector

EasySet Assisted feeding belts