



# D SERIES CHECKWEIGHER

Retail Special Edition  
with stainless steel guards

**DESIGNED FOR FOOD, COSMETICS AND CHEMICAL INDUSTRIES**



# D Series Checkweigher

D Series is the checkweigher designed to inspect a wide variety of **pre-packed products with a large weight flexibility, from 50 grams up to 10 kg in 0.1 gram graduations.**



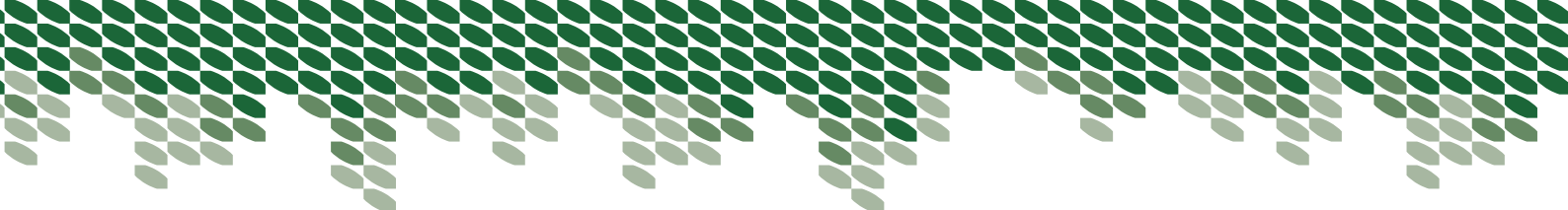
## 10 GOOD REASONS TO BUY A CHECKWEIGHER

1. 100% net weight control with resulting **fulfillment of market legal requirements**
2. **missing components check**
3. HACCP **traceability** of the whole production batch
4. give-away reduction and consequent **money saving**
5. **real-time filler monitoring** and adjustment due to active software feedback
6. quick and precise **product sorting and classification** by weight
7. enhanced production **efficiency**
8. **statistical production data** recording, analysis and reporting
9. constant product **quality**
10. **labour saving**

## TOP-QUALITY STAINLESS STEEL GUARDS

In this **Retail Special Edition**, premium-quality stainless steel guards have been fitted to make the production process safer and more hygienic in compliance with the strictest Retail Safety Regulations like **Marks & Spencer Food and Product Safety standards.**

Like all Nemesis checkweighers, D Series is also **approved to OIML R51 and MID regulations.** The company is **ISO 9001-certified**, a guarantee of the Quality System of its production process.



### A UNIQUE CONTROL SYSTEM: EASY WEIGH®

Easy Weigh® is Nemesis' proprietary Software with exclusive algorithm allowing a very fast switch in production of the items to be weighed with no need for calibration or product's learning procedures. This results in a very high flexibility of use in production.

Unlike peak-weight systems universally used in the market, this new technology is based on a real-weight concept and it is regarded as the new frontier of dynamic weighing.

### SAFE AND CLEAN

Smooth and easy-to clean surfaces made in AISI-304 stainless steel allow a deeper sanitation and minimize bacterial contamination.

The inspection door can be properly locked during operation to guarantee a safer work environment.

### VERSATILE AND CUSTOMIZABLE

According to the weight and dimensions of the items to be weighed, D Series checkweighers offer different types of ejectors to automatically reject out-of-tolerance products: pneumatic, air-blast, drop-down and lots of other customized solutions as per customer's production needs.



### STABLE AND GRIPPY

Especially created to inspect and weigh medium-weight packaged goods, D series checkweighers come with sturdy conveyors fitting 30 mm diameter rollers and easy-grip conveyor belts as a standard in order to achieve a better feed control and product stability.



Weigh-Price Labeler



# — Integrations:

Metal Detector Coil

## D Series Checkweigher Technical Datasheet

Capacity	50 g up to 10 kg
Scale interval "e"	≥ 0.2 g
Display resolution "d"	≥ 0,1 g
Accuracy (3 $\sigma$ )	≥ ± 0,07 g
Throughput	≤ 200 ppm
Belt speed	≤ 60 m/min
Power Consumption	≤ 0,3 kw
Configuration	1 up to 6 conveyors
IP Protection	IP54 (IP65 option)
Height	460 mm up to 1200 mm
Conveyor(s) width	90 mm up to 456 mm
Conveyor(s) lenght	150 mm up to 750 mm
Conveyor(s) type	Polyurethane Belt Modular Plastic

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

Tel. +39 (0)59 314548 / [info@nemesis.it](mailto:info@nemesis.it) I-41122 Modena (Italy)

**Checkweighing / Metal Detection / Weigh-Price Labelling**