made in Italy

NEMESIS
Weigh, Select, Label

We Weigh Everything.
Just Everything.

Thousands and thousands of
solutions, for any kind
of application.

Speed,
Accuracy,
Customization.

www.nemesis.it

Checkweighers

Weigh-Price
Labelers

Metal Detectors

NEMESIS
Weigh, Select, Label

About US

Over 40 years of experience in industrial automatic weighing represent our capacity of innovating ourselves and promptly satisfying our customers' requests.

Operating in over 50 Countries

Our products are so versatile, reliable, efficient and easily integrable in line to be chosen by manufacturers from over 50 Countries, all over the World.

Certified Reliability

The entire range of NEMESIS machines features type-approval certification according to OIML R-51 2006 and MID-2004/22/EC regulations.
NEMESIS is an ISO 9001 certified company, unparalleled guarantee of quality.

100% Made in Italy

We're proud that all our machines are entirely designed and realized at our headquarters of Modena (Italy) by our Research & Development division.

Ecological

Our products are built taking care of the productive processes, in order to minimize the environmental impact and the energy consumption.

Customization and optimization

Since your efficiency is our focus, we develop customized solutions to perfectly integrate our systems even in the most complex and articulated lines.

We Weigh Everything.
Just Everything.
Thousands and thousands of solutions,
for any kind of application.

Our **mission** is offering customized
and tailor-made **solutions** for every kind of application,
with a technology **always at the state of the art**.

Over **40 years of experience** in industrial weighing
allow us to design and manufacture **checkweighers**
and **weigh-price labelers** able to respond to your more specific needs.

100% made in Italy. All our products are engineered and realized
in Italy, with **first quality materials**, for always top-tier performances,
even in hostile conditions and to satisfy the most restrictive
sanitation requirements.

Each of our systems is tested at our headquarters in Modena,
24 hours/day, **7 days/week**, for at least **3 months**.

www.nemesis.it

Checkweighers

MID & OIML R-51

NEMESIS dynamic weighing systems are MID-2004/22/EC and OIML R-51 2006 certified.
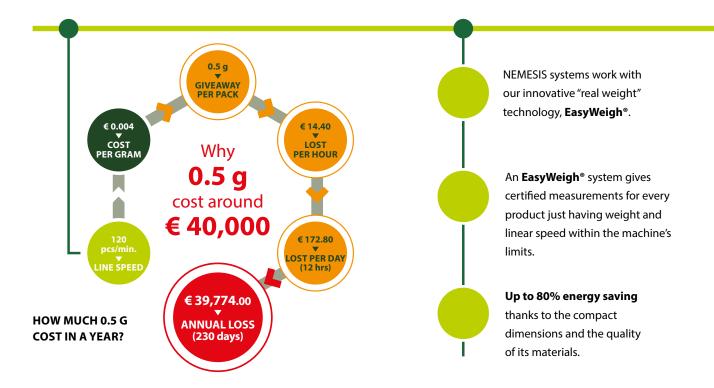
EN ISO 9001

NEMESIS is an ISO 9001 certified company, thanks to the quality of our productive processes

Weight control to maximize efficiency

NEMESIS checkweighers are dynamic weighing systems that inspect every single product, to overcome the great margins of error related to the manual sampling controls.
They use an exclusive algorithm that allows the fastest product/program change.

0.5 g
▼
GIVEAWAY PER PACK

€ 0.004
▼
COST PER GRAM

€ 14.40
▼
LOST PER HOUR

Why
0.5 g
cost around
€ 40,000

120 pcs/min.
▼
LINE SPEED

€ 172.80
▼
LOST PER DAY (12 hrs)

HOW MUCH 0.5 G COST IN A YEAR?

€ 39,774.00
▼
ANNUAL LOSS (230 days)

NEMESIS systems work with our innovative "real weight" technology, **EasyWeigh®**.

An **EasyWeigh®** system gives certified measurements for every product just having weight and linear speed within the machine's limits.

Up to 80% energy saving thanks to the compact dimensions and the quality of its materials.

Weigh-Price Labelers

Accuracy and speed for durable labeling

NEMESIS weigh-price labelers are designed to be modular and versatile. Always accurate, even at the highest speed, they have a user-friendly operator's interface that grants an easy data editing, directly on the touchscreen control panel, besides the main network PC.

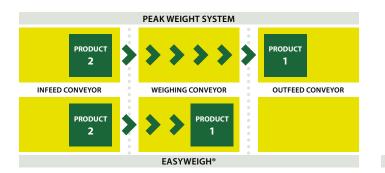The labeling systems may apply on the top, front, side and/or bottom face of the products.

Combo metal-detector

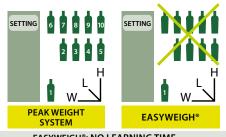**Integrated weighing system with the metal contamination detection.**

The checkweigher+metal-detector combination grants a complete control of the products in a reduced space, with a unique solution designed for the maximum performances.

Standard "**peak weight**" checkweighers need a gap between products being a little longer than the weighing conveyor. **EasyWeigh®** checkweighers, on the contrary, just need the pitch between two products to be a little greater than the weighing conveyor's length.

EasyWeigh® technology allows to weigh every new product regardless from the shape, format or line orientation without the need for any calibration or learning procedures.

PEAK WEIGHT SYSTEM

PRODUCT 2		PRODUCT 1
INFEED CONVEYOR	WEIGHING CONVEYOR	OUTFEED CONVEYOR
PRODUCT 2	PRODUCT 1	

EASYWEIGH®

SETTING 6 7 8 9 10 2 3 4 5 1

PEAK WEIGHT SYSTEM

SETTING 1

EASYWEIGH®

EASYWEIGH®: NO LEARNING TIME

Checkweighers

Accuracy and speed for a real-time quality control

Checkweighers for the in-line inspection of products from 0.01 g to 60 Kg.
Suitable for all kinds of solid, liquid, packed, bulk or viscous products.

www.nemesis.it

NEMESIS checkweighers are versatile and easy to use. Our range responds to all the weight requirements, with the best accuracy/speed ratio.

Learning times are reduced to 0, thanks to the innovative **EasyWeigh®** dynamic weighing algorithm.
Product switch procedures just require few seconds and can easily be performed directly on the machine's touchscreen control panel.

All our systems only require **minimum maintenance** operations and are **completely and easily cleanable**.

G Series

IP66

C Series

15 g up to 8 kg

R Series

≤ 600 ppm

S Series

d ≥ 0.01 g

H Series

200 g up to 60 kg

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

www.nemesis.it

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.

Technical Datasheet

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

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.**
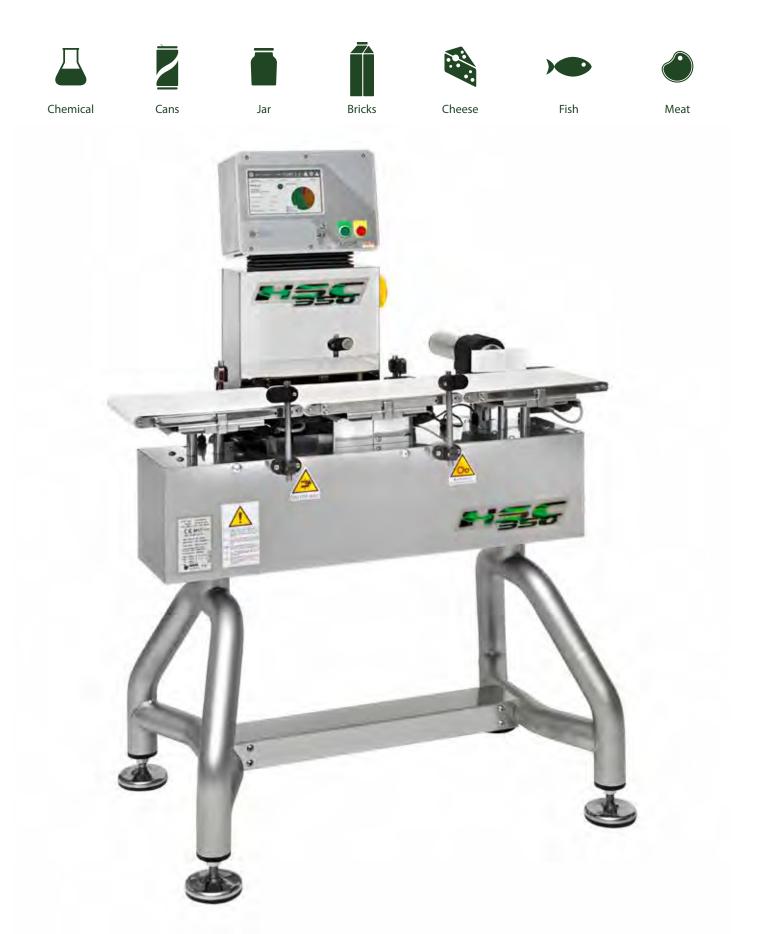
Double air-blast ejector

EasySet Assisted feeding belts

www.nemesis.it

G Series

The ideal **checkweigher for hostile conditions**

Chemical	Cans	Jar	Bricks	Cheese	Fish	Meat

The flexible, accurate and high-washable solution for the harsh environments. G Series checkweighers, thanks to their **IP66** protection, have been engineered for the application in **high humidity conditions.**
Especially suitable for the dynamic weighing of unpacked food products, as meat and cheese, they feature a **full stainless steel frame** and an innovative architecture, that allows the **easiest and fastest disassembly, washing and sanitizing operations.**

Application examples

| Hamburgers |
| Soft cheese |
| Cod |
| Chicken filets |
| Berries |
| Sauces |
| Parmigiano Reggiano |
| Seafish |
| Jams |
| Chocolate |

Main Features

Smart Architecture

Special conveyors' design, for the **fast** and e**asy disassembly** and **removal of the tapes**.

Easy to Wash

100% stainless steel structure and **IP66 protection**: ideal when frequent washing is crucial.

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
- Air blast ejector
- Double-nozzle air blast 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
- Reinforced architecture

Technical Datasheet

Capacity	20 g up to 8 kg
Scale interval "e"	≥ 1 g
Display resolution "d"	≥ 0.2 g
Accuracy (3σ)	≥ ±0.1 g
Throughput	≤ 300 ppm
Belt Speed	≤ 90 m/min
Power Consumption	≤ 0.3 kw
Configuration	3 conveyors
IP Protection	IP66
Height	460 mm up to 1,200 mm
Conveyor(s) width	160 mm up to 360 mm
Conveyor(s) length	250 mm up to 450 mm
Conveyor(s) type	Polyurethane Belt

Easy conveyors disassembly

Side ejector

Case study: Bulk Filets and Hamburgers

Series G checkweighers are specifically designed for **harsh environments** and applications like unpacked products, where **cleaning and sanitizing play a major role.**

Featuring **IP66 protection**, **easy-to-disassembly** smart conveyor's structure, **highly washable** architecture and **100% stainless steel frame**, these systems are the ideal solution for the food processing industry.

Here is a Series G checkweigher in action, scaling and sorting bulk filets and hamburgers.

Quick tape removal

7" touchscreen control panel

www.nemesis.it

R Series

High-speed specialist **checkweigher**

Aerosols	Cans	Chemicals	Cosmetics	Food	Bricks	Bottling

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.

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

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

Safety cabin

Progressive ejector

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

H Series

Checkweigher for **huge** and **heavy products**

Chemicals	Logistics	Food	Non-food	Tanks

In the modern logistics, the demand to scale and sort large and heavy products is always increasing.

H Series checkweighers are the solution to these exigencies, allowing the fast dynamic **weighing of loads up to 60 Kg.**

With our focus on product handling and production rate, we ensure accurate measuring in all our equipment which guarantees our customers return on investment.

Application examples

Cartons of bottles

Flour bags

Cement in powder form

Milk powder
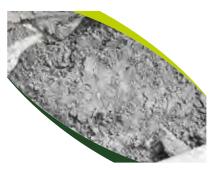
Pesticides

Paints

Watermelons

Fuel tanks

Rice and pasta

Gypsum

Main Features

Tough

Larger rollers, extra powerful servomotors and **reinforced frame**, for enhanced resistance.

Time-Saving

Automatic control of **100% of the production**, to avoid slow and unefficient manual sampling.

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
- 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

APP-SPECIFICS

- Proactive feedback correction
- Remote control panel
- Reinforced architecture

Technical Datasheet

Capacity	200 g up to 60 kg
Scale interval "e"	≥ 5 g
Display resolution "d"	≥ 1 g
Accuracy (3σ)	≥ ±0.05 g
Throughput	≤ 130 ppm
Belt Speed	≤ 40 m/min
Power Consumption	≤ 0.5 kw
Configuration	1 up to 3 conveyors
IP Protection	IP54 (IP65 option)
Height	460 mm up to 1,200 mm
Conveyor(s) width	300 mm up to 620 mm
Conveyor(s) length	450 mm up to 2,050 mm
Conveyor(s) type	Polyurethane Belt Modular Plastic

Light/sound alarm tower   *Modular plastic ejection conveyor*

Case study: Aggressive Chemicals Tanks

This is a particular Series H Checkweigher, **designed for scaling and sorting tanks** of **aggressive chemical liquids.**

Not only the heavy weight of the tanks (the system has a **maximum scale capacity of 35,000 g**) but also the risk of product's losses, that could have damaged the conveyors' tapes, were to be considered.

This way, the chosen solution is a checkweigher featuring **three modular plastic conveyors**, in order to avoid the chemical erosion of the belts' tapes, at the same time granting the proper accuracy to discard overweight and underweight tanks.

Reclinable twin conveyors, "V" position

Reclinable twin conveyors, flat position

www.nemesis.it

Weigh-Price Labelers

Versatile,
accurate, effective.

A new generation of weighing and labelling systems able to provide excellent performances at an unrivalled cost ratio.

www.nemesis.it

K Series top applicator

K Series

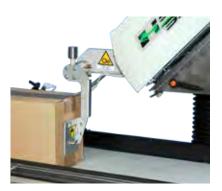## Designed to **satisfy your needs**

*Each unit can be equipped with **one or more printing units** with a 4" to 6" applicator for top, side, "C" band, bottom and front-facing labelling.*

Top Labeler
The label is placed on the **top face** of the products, applied by an **air compressed blast.**

Bottom Labeler
The label is placed on the **bottom face** of the products, **running over the applicator.**

Front Labeler
The label is placed on the **front face** of the products, applied by a **pneumatic labeling arm.**

Side Labeler
The label is placed on the **lateral face** of the products, applied by an **air compressed blast.**

Pneumatic Arm Labeler
The label is placed on the **top face** of the products, applied by a **pneumatic labeling arm.**

Round Products Labeler
Special top labeler's architecture with pairs of **reclinable twin belts**, for the ideal application.

"C" Labeler
The label wraps the product from the top face to the bottom, while running **through the applicator.**

Combo Labeler
Top + side, top + bottom, side + bottom Labelers are just some of our combo configurations.

NEMESIS weigh-price labeling machines can be **perfectly integrated into production lines** or used as self-standing stations.

Available in numerous configuration, from 1 to 6 conveyors with width from 90 mm to 456 mm.

Application examples

Meat
Carton box
Fruit
Vegetables
Fresh
Bakery
Ready meals
Fish
Logistics
Diary

Main Features

Configurable

Top, side, bottom, front, "C" and pneumatic applicators are only some of the available possibilities.

Versatile

Fast and precise labeling, up to 150/min; freedom of choice of label's **measures** and **contents.**

Open System

Featuring **NiceLabel 2017** and a **free PLU editors**, the design of the labels is up to you.

Certified

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

AUTOMATIC EJECTORS

• Side pneumatic ejector
• Air blast ejector
• Double-nozzle air blast ejector

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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
• Reinforced architecture

Technical Datasheet

Capacity	15 g up to 30 kg
Scale interval "e"	≥ 1 g
Display resolution "d"	≥ 0.1 g
Accuracy (3σ)	≥ ±0.5 g
Throughput	≤ 150 ppm
Belt Speed	≤ 40 m/min
Power Consumption	≤ 0.5 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 Twin Reclining V-shaped

Label layout designer   *Weigh-Price Labeler with rewinder*

Case study: Watermelons

NEMESIS KV is our weigh-price **labelers line dedicated to melons, watermelons** and all the other round-shaped products.

Its innovative configuration allows the best sustain and stability of the products running on the **special reclinable twin conveyors.**

This machines can scale and label products **up to 20 kg**, with extraordinary accuracy and speed (more than **50 pieces per minute**, even for the bigger formats).

Nonetheless, the conveyors are designed with a special adjustable architecture, that makes possible to also **set them flat,** in order to be suitable for **weighing trays and crates** in addition to bulk products.

Reclinable twin conveyors, flat position

Side ejector + top labeler

www.nemesis.it

Metal detectors

100% inspection in line

Metal detectors can be supplied in configurations with 1 to 4 conventional or modular conveyor belts as a stand-alone unit or in combination with NEMESIS checkweigher.

www.nemesis.it

M Series Combo

M Series

Total quality control

Aerosols	Cans	Chemicals	Cosmetics	Food	Non-food	Pharma

M Series Stand-Alone

Safety and reliability are essential factors in industrial production as the end consumer trusts that the products fully comply with the quality standards.

An advanced end-of-line control system can be achieved by combining a mono or multi-frequency Metal detector with a NEMESIS checkweigher.
The statistical data acquisition unit and the local printer record the non-conformities detected by the Metal detector.

Application examples

Jams, sweets
Bakery
Diary
Fruit
Vegetables
Fish
Meat
Pharmaceutical
Snacks

Key Features

Complete

Combining weight and metal contamination control, it's the ultimate **end-line** inspector.

Reliable

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

Advanced

Multi-frequency and **multi-spectrum** versions available, for the best detection performances.

Compliant

Fits the **Supplier Quality Mgmt** requirements from the main **GDO** players all over the world.

AUTOMATIC EJECTORS

- Side pneumatic ejector
- Air blast ejector
- Double-nozzle air blast ejector
- Rodless pneumatic ejector

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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
- Reinforced architecture

Technical Datasheet

Capacity	15 g up to 60 kg
Scale interval "e"	≥ 1 g
Display resolution "d"	≥ 1 g
Accuracy (3σ)	≥ ±0.5 g
Throughput	≤ 150 ppm
Belt Speed	≤ 40 m/min
Power Consumption	≤ 0.5 kw
Configuration	1/3 conveyor(s)
IP Protection	IP54 (IP65 option)
Height	460 mm up to 1,200 mm
Conveyor(s) width	160 mm up to 608 mm
Conveyor(s) length	150 mm up to 2,050 mm
Conveyor(s) type	Polyurethane Bel Modular Plastic

Multi-spectrum Metal Detector   *Stainless steel rejection bin*

Case study: Double control for pasta

NEMESIS MX Series combo checkweigher + metal-detector system performs a **double end-line control**, in these pictures working with dry and fresh pasta.

Firstly, products are **inspected by the metal-detector** and, in case of contamination, automatically discarded; non-contaminated ones are **then scaled and sorted.**

Again, overweight and underweight products are **rejected into the proper bin.**

Light/sound alarm tower

Modular plastic ejection conveyor

www.nemesis.it

Data Analysis **Software**

Basic reports made simple, Advanced reports made real.

Designed to Be Your Friend
High-tech has never been so easy

Every NEMESIS system gives you **amazing possibilities** of data recording, analysing and reporting, always through the **easiest-to-use interface ever.**

The full **touchscreen** control panel of our devices integrates first level **data recording and reporting functionalities.**

Integrated printer

Get the total overview of every single batch directly on paper, reports structure is perfectly customizable on your needs.

Easy to use

Setup every function of the system with less than 5 touches on the screen.

USB

Automatically export all the weighing data and statistics on your pendrive.

Emergency stop

Quick and smart start/stop of the machine's conveyors.

Data management software

DataManager software maximizes the data storaging and makes the export process into PDF or CSV files, or the download in USB flash drive or Network shared folders, totally automatic.

Brand new Analytics Series gives you the key for the complete data analysis, statistics and customizable reports options.

Efficiency monitor

Keep the full line's production rate, quality and results under control, with the help of specific **graphics and statistics.**
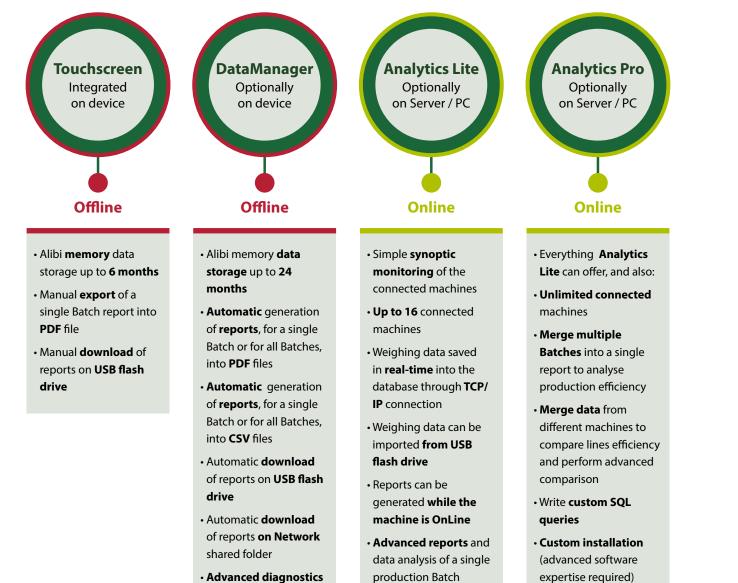
Fully customizable display

Manage your main working screen with a **smart designer**, that allows you to select the ideal information and data to display.

Try Analytics Lite to experience a top tier analysis machine, easy to install and user friendly since your first access, or explore the galaxy of opportunities Analytics Pro gives in your hands.

Touchscreen
Integrated on device

Offline

- Alibi **memory** data storage up to **6 months**
- Manual **export** of a single Batch report into **PDF** file
- Manual **download** of reports on **USB flash drive**

DataManager
Optionally on device

Offline

- Alibi memory **data storage** up to **24 months**
- **Automatic** generation of **reports**, for a single Batch or for all Batches, into **PDF** files
- **Automatic** generation of **reports**, for a single Batch or for all Batches, into **CSV** files
- Automatic **download** of reports on **USB flash drive**
- Automatic **download** of reports **on Network** shared folder
- **Advanced diagnostics** for connection status and automatic system re-synchronization
- **Secure data function** for offline working

Analytics Lite
Optionally on Server / PC

Online

- Simple **synoptic monitoring** of the connected machines
- **Up to 16** connected machines
- Weighing data saved in **real-time** into the database through **TCP/IP** connection
- Weighing data can be imported **from USB flash drive**
- Reports can be generated **while the machine is OnLine**
- **Advanced reports** and data analysis of a single production Batch
- Reports can be exported in **PDF, XML and CSV**
- **Fully customizable reports**
- Incredibly **quick** and **easy installation**, no software expertise required
- **Embedded Database**, no configuration required

Analytics Pro
Optionally on Server / PC

Online

- Everything **Analytics Lite** can offer, and also:
- **Unlimited connected** machines
- **Merge multiple Batches** into a single report to analyse production efficiency
- **Merge data** from different machines to compare lines efficiency and perform advanced comparison
- Write **custom SQL queries**
- **Custom installation** (advanced software expertise required)
- **SQL Server database** (configuration required)

NEMESIS
Weigh, Select, Label

Customized Solutions

Your needs are our priority

In case of particular needs or unusual products, when our standard machines wouldn't be suitable, our Research & Development team will design and engineer specific "tailor-made" solutions.

Checkweigher with sorting system

NEMESIS has built and patented lines that recirculate the product back to the checkweigher, facilitating manual weight correction and minimizing over-batching with 100% control of the production batch.

Solutions for extreme conditions

Given the extreme operating conditions, some applications require in-depth researches to guarantee high accuracy of the measuring system.
Careful selection of materials and technical solutions allows the machine to work 24 hours a day with reduced maintenance intervals.

Limited space projects

When only a very limited space is available, a tailor-made machine is the only possible solution. This problem can be solved with a specific product's handling engineering, without altering the line's layout.

www.nemesis.it