HSC 350

The solution in order to weigh, to select, to label

Weighing, Sorting, Labelling

Pioneering technology for uncompromising performance

HSC350 is the result of over 30 years of research and development in the dynamic weighing field.

Thanks to the innovative "Real Weight" dynamic measuring system, **HSC350** can be used without the need for the calibration or product learning procedures required by the majority of the "peak weight" weighing machines available on the market.

As well as ensuring unparalleled simplicity when it comes to operation, the sophisticated analyses cycle achieves high performance and precision even when small measuring sensors are used.

7" HD Touchscreen interface

The **HSC350** family include series able to function at diversified speeds of up to 480 pieces per minute and can be used in the most different sectors, i.e. from food to pharmaceutical, chemical and manufacturing industries and comprises:

- Checkweighers with 1 to 5 conveyors
- Systems with an integrated Metal Detectors
- Automatic weighing-price labeling machines
- Combinational sorting lines
- Product sorting systems

A wide variety of solutions can be created to suit the most different production requirements thanks to the comprehensive range of control panels, weighing units and setups.

In order to ensure uncompromising performance, **HSC350** includes type-approved checkweighing and weighing-price labeler machine, all built in compliance with directive MID 2004/22/EC in both class XIII(1) and class Y(a).

SERIES

The "S" series includes modular checkweighers that meet the current requirements of the pharmaceutical industry, most especially the GMP regulations and the stringent quality control reference standards.

10" Touchscreen interface

Special attention to simple use plus unparalleled flexibility provide a comprehensive answer to the growing demands of users in the pharmaceutical sphere and other industries, where speed and accuracy are a must.

Marking and inspection system

Intuitive and simple interface

Simple, fast, accurate

The HSC350 checkweigher for small packages

The "S" series **HSC350** 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

Available in numerous configuration, from 1 to 3 conveyors with width from 60 to 270 mm.

HSC350	/00	/0	/01
Scale range	300 g	600 g	1,500 g
Resolution (d)	>= 20 mg	>= 50 mg	>= 0.1 g
Division (e)	>= 0.1 g	>= 0.2 g	>= 0.5 g

SERIE C

Side rejector

The **HSC350** "C" series checkweigher is the compact, modular, cost-effective solution that integrates the quality control line when space is at a premium.

Fall conveyor rejector

Up to 8 rejectors on-line

Rejector for delicate product

Compact, standard and modular

"Tailor-made" solution for your product

Sturdy and flexible, it can be easily fitted with a Metal detector plus display and labelling systems.

HSC350 serie "C": The system can be easily sanitized and hygienized thanks to its special shape, featuring flat, easily accessed surfaces.

Available in numerous configuration, from 1 to 5 conveyors with width from 90 to 420 mm.

HSC350	/01	/03	/06
Scale range	1,500 g	3,000 g	6,000 g
Resolution (d)	>= 0.1 g	>= 0.2 g	>= 0.5 g
Division (e)	>= 0.5 g	>= 1 g	>= 2 g

SERIE **P**

The "P" series *HSC350* checkweighers fully comply with the most stringent standards governing hygiene, cleanliness and sanitizability in wet environments.

3 channels sorter

Feeding belts

Feeding screw

Arm rejector

Powerful, sturdy and accurate

Designed and built to function in heavy duty conditions

HSC350 serie "P" comprise modular plastic conveyors able to provide the utmost resistance to aggressive substances in the food, manufacturing, chemical and pharmaceutical industries.

Available in numerous configuration, from 2 to 4 conveyors with width from 100 to 530 mm.

HSC350	/01	/03	/06
Scale range	3,000 g	6,000 g	15,000 g
Resolution (d)	>= 0.2 g	>= 0.5 g	>= 1 g
Division (e)	>= 1 g	>= 2 g	>= 5 g

STAT350, data acquisition software

Statistics, advanced traceability and lot management

The food traceability and re-traceability laws have added a further degree of complexity to the industry.

The management software created by **NEMESIS** is an excellent solution to these problems.

STAT350 acquires indications about the origins of the products, as well as the events and variations that may have occurred during the individual production phases, thereby complying with the HACCP recommendations.

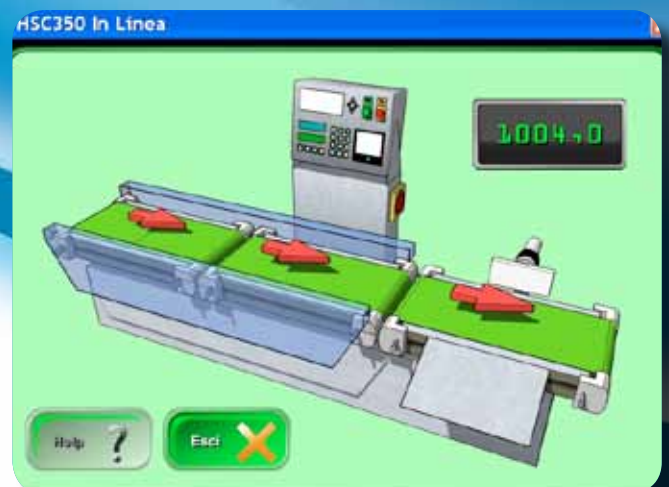Amongst others, the program provides the following functions:

- Management of the product archive with definition of all the parameters
- Real time display of the production Data, plus data storage for future processes
- Real time display of the production lot reports
- Control of up to 32 HSC350 units by a single PC

Batch statistics report

On-line analysis

Remote diagnostic system

Strong, fast and precise
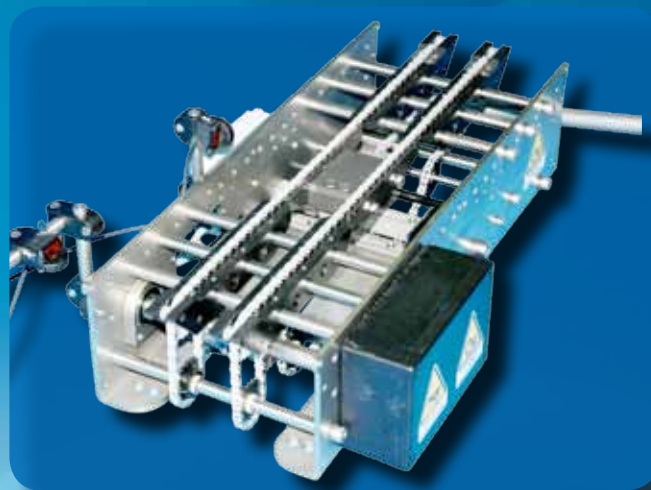
HSC350 chain checkweighers

The **HSC350** "R" series chain checkweigher combines unrivalled sturdiness, high precision and a design created for use in extreme industrial environments.

Created for use with boxes, cans and bottles in dry or wet environments, the "R" series checkweigher is sturdily built and features a chain conveyor mechanism that achieves the required degree of accuracy at an optimum speed.

Available in numerous configuration, from 1 to 4 conveyors with width from 50 to 230 mm.

HSC350	/01	/03	/06
Scale range	1,500 g	3,000 g	6,000 g
Resolution (d)	>= 0.1 g	>= 0.2 g	>= 0.5 g
Division (e)	>= 1 g	>= 2 g	>= 5 g

SERIE R

SERIE H

The need to weigh and sort large, heavy products is becoming increasingly more frequent in modern logistics spheres.

Serie H - single conveyor

Rejector for boxes

Rejector for bags

Strong and accurate construction

Ergonomic, capacious and reliable

The right choice for heavy, bulky products

The **HSC350** "H" series checkweighers provide an answer to this requirement since they are able to handle and weigh loads of up to 60 kg at high speed.

Available in numerous configuration, from 1 to 4 conveyors with width from 230 to 800 mm.

HSC350	/15	/30	/60
Scale range	15,000 g	30,000 g	60,000 g
Resolution (d)	>= 1 g	>= 2 g	>= 5 g
Division (e)	>= 5 g	>= 10 g	>= 20 g

SERIE KH

Boxes, crates and other large packages can be weighed and labelled with fixed and variable weights thanks to "KH" series weighing-price marking machines.

Side label application

Top label application with special conveyor for round product

Bottom label application

Front label application

Weigh-price labeler for large sizes

For weighing and labelling bulky products

Versions for applying labels at the top, sides, front-facing and bottom are available and can be equipped with barcode readers for automatic product recognition.

Optional devices can also be installed to include the checkweighing function, also complete with the metal detector.

Available in numerous configuration, from 2 to 4 conveyors with width from 300 to 600 mm.

HSC350	/15	/30	/60
Scale range	15,000 g	30,000 g	60,000 g
Resolution (d)	>= 1 g	>= 2 g	>= 5 g
Division (e)	>= 5 g	>= 10 g	>= 20 g

SERIE KX

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

Simple and reliable

Bottom label application

Two heads labeling machine

Labeling machine "C" type

Versatile, accurate, performance-oriented

The reliable weigh-price labeler machine for all requirements

HSC350 weighing-price marking machines can be perfectly built into production lines or used as self-standing stations.

Each unit can be equipped with one or more printing units with a 2" to 6" applicator for top, side, "C" band, bottom and front-facing labelling.

Available in numerous configuration, from 1 to 4 conveyors with width from 160 to 420 mm.

HSC350	/01	/03	/06
Scale range	1,500 g	3,000 g	6,000 g
Resolution (d)	>= 0.1 g	>= 0.2 g	>= 0.5 g
Division (e)	>= 0.5 g	>= 1 g	>= 2 g

SERIE MX

An advanced end-of-line control system can be achieved by combining a mono- or multiple frequency Metal detector with an **HSC350** checkweigher.

Feeding belts

Combined with separated rejectors

Special solution for minced meat

Integrated systems with Metal Detectors

Multiple performance in a single system

The assembly can be completed with one or several devices for ejecting polluted and non-conforming products, which are then collected in special containers with key-locks, as required by law.

The **HSC350** statistic data acquiring system, which records the non-conformities detected by the Metal detector, can be either integrated in the machine, with a local printer and USB flash drive, or supplied in the **STAT350** remote version.

Multifrequecy with touchscreen

NEMESIS *is active from 1976 in the industrial electronics for automation field; from then on the company has developed, careful with the market demands, anticipating planning solutions with high technological content, improving technical and instruments dedicated to industrial applications in static and dynamic weighing field.*

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