HSC 350

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

NEMESIS can realize upon request personalized weighing and labelling end-of-line systems, with legal for trade certification for capacities until 10.000 kg, with lateral, frontal and lower application labels on box, packages, cassettes, cardboards and pallet.

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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Checkweigher HSC350 : standard , but "customized" around your product

Performances without compromises

HSC350 has gained the Class III OIML R51 approval, in the several versions until to 270 pieces/ minute, as class X(1) checkweigher and class Y(a) price/labeler.

Preparation and use flexibility

An extensive construction and capacity range guarantees the right realization for an optimal answer to the production requirement.

Possibility of use as checkweigher, as price/labeler or arranged with both two functions.

Ability to interconnect and communicate with filling control and prepacking automation systems.

Internal lot counters and totalizers, available for printing, with legal for trade statistics management.

Constructive and maintenance simplicity

Modular technique construction with exclusive use of stainless materials.

Use of high performance servomotors, in order to assure a regular operation and lacking of vibrations in every condition.

Simple and immediate accessibility to the several parts for an easy maintenance.

With PL30S electronics, a data printer can realize the advanced management of product batches

Characteristics and performances

The numerous possible variations comprise from one to four belt conveyors, two types of electronics plus optional touch screen, with opportunity to integrate a metal detector, two plate or air jet ejectors and two labellers.

A huge complete range of options complete the offer, guaranteeing answers to the various applications and an optimal integration of the machine in the production line.

Optional 5" monochrome or 8" colour touch screen

STAT350 software gives a first answer to the traceability question, with the batch management and the advanced statistics

Model	Range
HSC350/0 *	from 5 g to 300g (e=0.1g, d=0.02 g)
HSC350/00	from 10 g to 600g (e=0.2 g,d=0.05 g)
HSC350/01	from 20 g to 1,5 Kg (e=0.5g, d=0.1 g)
HSC350/02	from 50 g to 3 Kg (e=1 g, d=0.2g)
HSC350/03	from 100 to a 6 Kg (e=2 g, d= 0.5 g)
HSC350/04	from 200 g to 15 Kg (e=5 g, d= 1g)
HSC350/05	from 500 to 30 Kg (e=10 g,d=2 g)

The available conveyor width, the guides type and the belt length can be varied in ordering, in accordance with production needs, thanks to a strong planning and constructive modularity.
In order to guarantee an effective answer, NEMESIS can prepare OEM versions with dedicated capacities and conveyor types.

* Not available in legal for trade versions

Standard Checkweigher - Serie C Up to 3.000 g

Standard Checkweigher - Serie H Up to 50.000 g

Standard Checkweigher - Serie B Up to 6.000 g

Deviation and selection devices

In function of products' type, the following can be added, air ejectors, arm ejectors, lateral pushes, mobile sides or balancing belts. The divider from 2 to 5 channels SRT350 allows the channelling of product from more lanes and the subdivision of it with 5 different variations of weight.

Customized version of HSC350

In addition to the complete range of solutions for paper, box, blister and confection, the standard checkweigher NEMESIS HSC350 is proposed in specific preparations for the control of weight in:

- Vase, spray, jars and brick
- Vacuum-packed, and packaged product
- Tray and free product

Price Labeller HSC350K   with optional Checkweigher

High performances and little maintenance

HSC350K is a family of price-labeller with automatic labelling of single packages, coming from automatic or manual lines.

HSC350K can be used as standalone unit without added devices, also becoming part of plant equipment.

Large range of preparations and options

Available in different versions from one to four belt conveyors, it can be used for both price labeller and checkweigher.

A local archive allow the management of all essential parameters like label format, label layout, label position and rate of packages.

Easiness and immediacy of use

Until 180 labels/minute with 4" - 300 mm/s printer, possibility to install until to 2 printers, 120 to 300 mm/s speed range, from 2" to 4" label width range.

Ballistic applicator (air blast) with optional pre-stroke piston or rotating applicator.

Automatic price-labeler - Serie KW-H
Up to 30.000 g

Automatic price-labeler - Serie KW
Up to 30.000 g

Automatic price-labeler - Serie KS
Up to 30.000 g
With printing head rotable

The 8" touch screen, applicable on the entire HSC350 model range, is provided with Wireless or Bluetooth connection and external infrared keyboard with trackball; with the execution of Windows™ tasks, it allows an easy integration of different printers and a client-side connection with plant database.

Characteristics and performances

Checkweigher/Price-Labeller NEMESIS HSC350 can be used as standalone unit, also becoming part of a manual or automatic product line.

Printer and applicator

Available printers may have integrated or connectable keyboard/display group, and are equipped with own resources for an easy integration, allowing - for example - the management of label data, linkable to thousands of PLU (Price Look-Up).

Combined Checkweigher-Metal Detector

Statistical software STAT350

Characteristics and performances

With the integration of a mono or multi frequency metal detector the checkweigher operates in a minimal space the functionality requested from a standard end-of-line.

The metal detector is available in two mono frequency versions, M Series M and S Series, with reduced dimensions, and can be also supplied without the checkweigher, as a standalone unit equipped with ejector and accessories.

The contaminated product can be expelled with a dedicated ejector and accumulated "under key", in accordance with the alimentary packaging norms in force.

Advanced statistic and retraceability

The laws governing the traceability and retraceability of food commodities have made matters more complicated for places of work.

The food traceability and retraceability management software created by NEMESIS for the HSC350 line is an excellent solution to these problems as it allows information about the origins of the products to be collected as well as who dealt with the individual production phases in the entire cycle, while also complying with the HACCP recommendations.

Checkweigher & Metal-detector - Serie M
Multi or Mono frequency

STAT350 - Features:

- Product traceability and retraceability management

- Complete traceability management of the processing phases

- Entry, editing and deletion of the personal data of the customers and suppliers

- Data storage and processing for the purpose of obtaining hygiene and health statistics HACCP/BSC

- Creation and filing of printable end of lot reports.

Checkweigher & Metal-detector - Serie M-L
Multi or Mono frequency

Metal-detector - Serie T
With expulsion valve

Statistical Program - Stat350
Up to 16 session in one PC