



- ▶ **Dynamic weighing system** (it can be programmed as static, if necessary).
- ▶ **Control console with graphic LCD and "qwerty" keyboard; navigation system by means of menus.**
- ▶ **Possibility to program up to 8 weight intervals for grading.**
- ▶ **2 conveyor belts** with optional entering guides.
The size and material of the belts can be manufactured to fit each type of product.
- ▶ Up to **8 rejection systems** to collect the products in 8 collectors, according to the programmed weight intervals; packages not meeting the programmed weight intervals will continue along the conveyor belt.
- ▶ **Windows Software** (optional) to program the equipment and to manage the production data.



"Dry" food
(pastry, pasta, coffee, snacks,...)



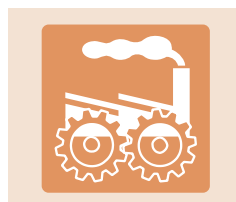
"Wet" food
(milk, cheese, meat, fish,...)



Pharmacy



**Chemistry
/Cosmetics**



**Logistics and
Industry in general**

General Characteristics

The Dibal GW-3000 weight grader has been designed to comply with the strict requirements of the industry, even with the specific ones of the food sector:

- ▶ This weighing system ensures the **reliability of the grading.**
- ▶ The capacity **to store in memory 8.000 products and their weight intervals** offers a great flexibility to change from one product to another.
- ▶ The **equipment programming** (weighing configuration, weight intervals, etc.) is easy **by means of the control console or the optional Windows "RMS" software.**
- ▶ The optional **Windows "DCS" software** allows to manage the production data registered by the system:
 - Packages per minute that are being processed, in real time.
 - Total number of packages graded by time or batch.
 - Number of packages graded for each product, by time or batch.
 - Number and % of packages collected in each programmed weight interval.
 - Total weight of graded products for each weight interval.
 - Total average weight or by each weight interval.
 - Statistical data (mean, mode, deviations).
 - To export data to other software for later process.
- ▶ The **AISI 304 stainless steel** building and the **belts made of material FDA approved** (if required) are easy to clean and offer high **robustness and hygiene.**



Functional and Technical Features

Functional Features:

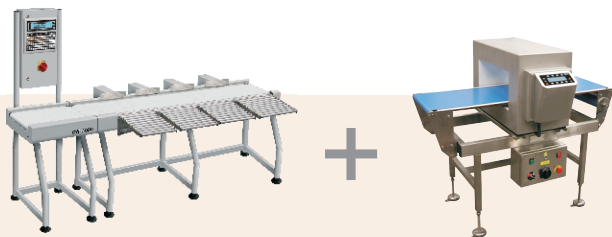
Capacity / Accuracy	3 kg - 1 g, 6 kg - 2 g, 10 kg - 5 g. Other capacities/accuracies upon request.
Package dimensions (length x width)	Max. 350 x 280 mm (other dimensions upon request).
Products in memory	8.000.
Maximum speed*	Up to 60 packages/minute in static weighing. Up to 80 packages/minute in dynamic weighing.
Computer communication	RS-232/422, optional Ethernet and WiFi. Optional equipment programming Windows software "RMS". Optional data management Windows software "DCS".

Technical Features:

Material	Stainless Steel AISI 304.
Supply	230 V.
Working Temperature	-10° to +40° C.
Air pressure for the grading system	5 bar.

* The real speed depends on the dimensions and weight of the product, as well as on the grading system selected.

Integration with Dibal metal detectors



This solution combines the weight grading with the detection of metal in "dry" or "wet" food products, pharmacy products, chemical/cosmetics products and other applications in logistics and industry.



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