



INDUSTRY
(ALL SECTORS)



COMMERCE
AND DISTRIBUTION



AGRI-FOOD
INDUSTRY



CHEMICAL-
PHARMACEUTICAL
INDUSTRY



TRANSPORT
AND LOGISTICS



ELECTRONIC
INDUSTRY



COMMERCE OF
COMPONENTS AND
SMALL PARTS



ENGINEERING
INDUSTRY



CHAPTER 2

FUNCTIONALITY

Many functions, added to weighing.

By virtue of a 100-year experience and with presence in more than 70 countries worldwide, Dini Argeo offers a full range of weight indicators with specific functions created starting from our customers' requirements, thus being able to meet every need, from a simple weighing to a customised application.

MULTIFUNCTION AND SPECIFIC WEIGHT INDICATORS , ideal for use in basic weighing applications	PAGE 34
ADVANCED PROGRAMMABLE WEIGHT INDICATORS , for customised weighing applications	PAGE 36
ACCESSORIES for weight indicators	PAGE 38
WEIGHING SYSTEMS	PAGE 40

Choose the indicator most suited to your weighing needs!

MULTIFUNCTION AND SPECIFIC WEIGHT INDICATORS

CH. 1 SCALES

CH. 2 FUNCTIONALITY

MULTIFUNCTION AND SPECIFIC INDICATORS

PROGRAMMABLE INDICATORS

ACCESSORIES

SYSTEMS

CH. 3 SOFTWARE

MULTIFUNCTION



COMPACT

LARGE DISPLAY

- Adjustable inclination
- **Easy-to-use**
- IP68 version
- Rechargeable battery

- **STAINLESS steel**
- **IP68 watertight**
- Function-numeric keypad
- ATEX/EX version

- **40 mm large display**
- **Colour backlight**
- STAINLESS steel enclosure
- Watertight (IP68)
- Rechargeable battery

- **40 mm superluminous RED LED DISPLAY**
- STAINLESS steel enclosure
- IP68 degree of protection
- **suitable for low-temperature environments**
- Rechargeable battery

One indicator, many functions.



MULTIFUNCTION WEIGHING program

Weight indicators of the multifunction range allow for quickly choosing the requested operating mode among those available. Any application mode offers functions and simple procedures to expedite and facilitate everyday work.

Horizontal totalisation

The function "totalisation" is useful for knowing the total weight of more consecutive weighings. For example it is suited to verify the load of a pallet before forwarding or the filling of tanks or the load of vehicles.

Formulation - Vertical totalisation

The "formulation" function simplifies the implementation of recipes or mixtures with known weights. Once the component is added, by pressing the dedicated key, the weight is summed up and reset. All components are then mixed and a summarising receipt can be edited at the end. The versions fitted with an enhanced keyboard can use digital IDs to identify the added product.

Pieces - quantity counting

The "pieces-counting" function is suitable for quickly knowing the quantity of pieces contained in a package, or for filling containers by picking up a certain number of pieces from the stock. The pieces-counting function allows for counting thousands of pieces quickly and accurately thus saving time and money.

Percent weighing

The "percent weighing" function is ideal when there is the need of creating mixtures with a variable total quantity, while keeping constant the percentage of each product. This function is very easy-to-use: set the total amount to be performed equal to 100.0%. The scale will show the percentage of the component in real time in order to amount to the correct percentages for each component. Percent checks can also be carried out by entering 100.0% as a reference value and verifying the deviation of successive weighings.

Weight checking

Weighchecking means to compare the weight of an object placed onto the scale with a pre-set reference value. Effectively, the reference weight can be quickly set by programming it through the keyboard, or putting it onto the pan and pressing the button concerned, and the tolerance range within which the verified weight shall be considered as compliant.

MODEL

FEATURES

FUNCTIONALITY ADDED TO WEIGHING

Find out more on www.diniargeo.com

FOR SPECIFIC APPLICATIONS



CE M

BATTERY AND PRINTER

- Attached printer protected from dust and moisture
- STAINLESS steel enclosure
- IP68 degree of protection for industrial use
- Rechargeable battery
- ATEX/EX versions
- Attached printer
- IP65 protection for industrial use
- Wide range of options
- Rechargeable battery



WHEEL AND AXLE WEIGHER

- Easy Axle program specific for axle and wheel weighing
- Rechargeable battery
- Transport protection case
- Integrated printer



CE M

WEIGHBRIDGE

- Easy Weighbridge program specific for weighbridge
- Rechargeable battery
- Attached thermal printer or
- Continuous-mode label printer



EASY AXLE Program

Program especially developed to easily weight any type of vehicles: axle weighing mode as well as wheel weighing mode.

- Single wheel load check
- Single axle load check
- Calculation of total weight
- Printing of any weight data, complete with barycentre coordinates, date and time and two freely programmable digital IDs.

EASY WEIGHBRIDGE Program

It includes all basic functions for managing a weighbridge and printing receipts:

- File archive up to 30 vehicle known weights (tares), quickly recallable, rapid weighing in a single operation
- Storage up to 99 input weighings and identification through automatic CODE
- Calculation of the net loaded/unloaded weight through difference between input and output weighing
- Input /output quick weighing
- Printing of input, output weights and difference
- Printing of a list of all partial weighings
- Printing of a single weighing ticket customisable with company name, weighing ID, date and time, etc.



Reference carrying out to set the average unit weight.



Place on the platform the total quantity being counting.



WHEEL WEIGHER



AXLE WEIGHER



PROGRAMMABLE WEIGHT INDICATORS

CH. 1 SCALES

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MODEL



BATTERY AND PRINTER

- ABS IP65 enclosure
- Rechargeable battery
- **Compact and versatile, ideal for use in any sector and application**

- STAINLESS steel enclosure IP68 watertight
- IP65 integrated printer
- Rechargeable battery
- **Suitable for agri-food, chemical and pharmaceutical industries**

LARGE DISPLAY

- **40 mm RGB large display, selectable colour (red, yellow, white, blue, purple, orange, green)**
- Adjustable intensity, designed for a clear reading at near or far distance

TOUCHSCREEN

- **Colour backlit touchscreen display.**
- **Very quick and easy-to-use**
- STAINLESS steel enclosure IP68 watertight
- Suitable for use in agri-food, chemical and pharmaceutical industry and industrial applications in general
- **integrated superluminous semaphore for a rapid weighing check**

OUTSTANDING FEATURES

A lot of programs at choice and countless customisations.

Over the years Dini Argeo has developed a series of weighing programs for its advanced indicators which can be perfectly keyed to the applications being performed. These programs include all the most advanced functions as to weighing and automated data management. The programs can also be completely custom-made.

- ✓ TECHNOLOGICALLY ADVANCED INDICATORS
- ✓ DESIGN AND STURDINESS
- ✓ VERY HIGH ACCURACY
- ✓ CUSTOM-MADE PROGRAMS



Find out more on www.diniargeo.com 



FOR AUTOMATION

- STAINLESS steel enclosure IP68 watertight
- **Adjustable inclination bracket as standard**
- Integrated 3-colour semaphore for weight checks
- **Panel-mounting, it can be easily integrated into existing industrial automation**
- Digital inputs and outputs as standard



PORTABLE

- **Rack version indicator, fitted with handy case and protection for portable weighing systems**
- Integrated printer
- Long-life battery



BOX FOR OUTDOOR USE

- AISI 304 STAINLESS steel box fitted with weight indicator and in-built ACCESSORIES, suitable for outdoor installation in harsh industrial environments
- The inner space allows the installation of electrical components such as: relays, remote control switches, etc.
- Also suitable for weighbridges and self-service applications

FIND OUT SOME OF THE MOST REQUESTED PROGRAMS:



Weight/Price/Amount and industrial labelling

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APPLICATION EXAMPLE



Quantity and piece counting multiscale with bar code printing

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APPLICATION EXAMPLE



Input/Output and complete management of weighbridges

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APPLICATION EXAMPLE



Static check of pre-packaged products

 **PAGE 46**
APPLICATION EXAMPLE



Collection and advanced data management, totalisation and label printing

 **PAGE 48**
APPLICATION EXAMPLE



Manual driven batching with correction / Tintometer / Formulation

 **PAGE 50**
APPLICATION EXAMPLE



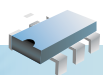
Vehicle weight and barycentre check, wheel and axles weighing

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APPLICATION EXAMPLE



Vehicle dynamic weighing

 **PAGE 54**
APPLICATION EXAMPLE



ASK FOR A CUSTOM-MADE PROGRAM

Dini Argeo offers its customers complete customised programs according to the requirements and many custom-made solutions which are perfectly compatible with any existing systems.

COMMUNICATION INTERFACES, PRINTERS AND ACCESSORIES for weight indicators

The functionality of weight indicators can be strengthened through a full range of available ACCESSORIES.

DATA TRANSFER TO PC AND PORTABLE DEVICES

A wide range of communication interfaces between scale and company's computer system, necessary for real-time sharing of file archives and weighing data

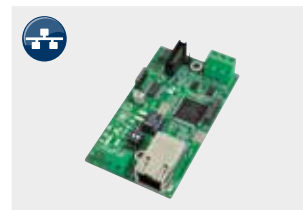
In addition, they allow to use the SPECIFIC INDICATORS APPS in tablets and smartphones.



WI FI



BLUETOOTH



ETHERNET



RADIOFREQUENCY VIA USB OR RS232



USB



ANALOG OUTPUT



RS232 / RS485 / RS422



ETHERNET / MODBUS/PROFIBUS



OPTICAL FIBRE FOR COMMUNICATION IN ATEX AREA

WEIGHT REPEATERS

They repeat the scale weight or data also at far distances, indoors as well as outdoors. The connection can be via cable or radio.



For advanced applications, multiple repeaters can be network connected



Find out more on www.diniargeo.com

PRINTERS AND LABELLERS

Impact, dot-matrix or thermal printers for printing of receipts and reports on thermal paper roll, continuous form or card. Direct thermal or heat-transfer labellers for printing of labels up to 100x120mm with any type of bar code.



BUILT-IN PRINTERS



DIRECT THERMAL LABELLERS



HEAT-TRANSFER LABELLERS



DOT-MATRIX PRINTERS



IMPACT PRINTERS



THERMAL PRINTERS

CONFIGURABLE TICKETS



WEIGHING STORING



USB FLASH DRIVE

The USB flash drive is useful to store all weighings carried out by the scale for a further processing and storage on PC. It can store months of continuous work without ever have to download the data to a PC.

5.000.000 weighings!

ADDITIONAL ACCESSORIES



MULTIFUNCTION REMOTE CONTROL



BAR CODE READERS



TRICOLOUR SEMAPHORE



ALPHANUMERIC KEYPADS