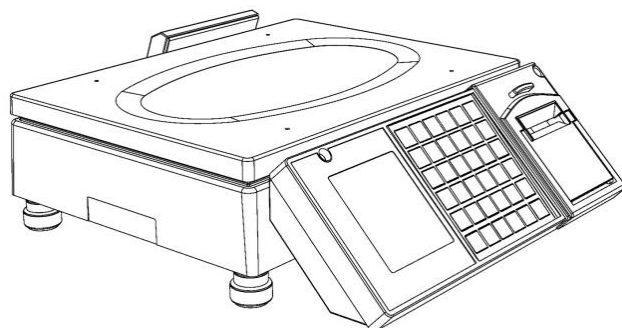
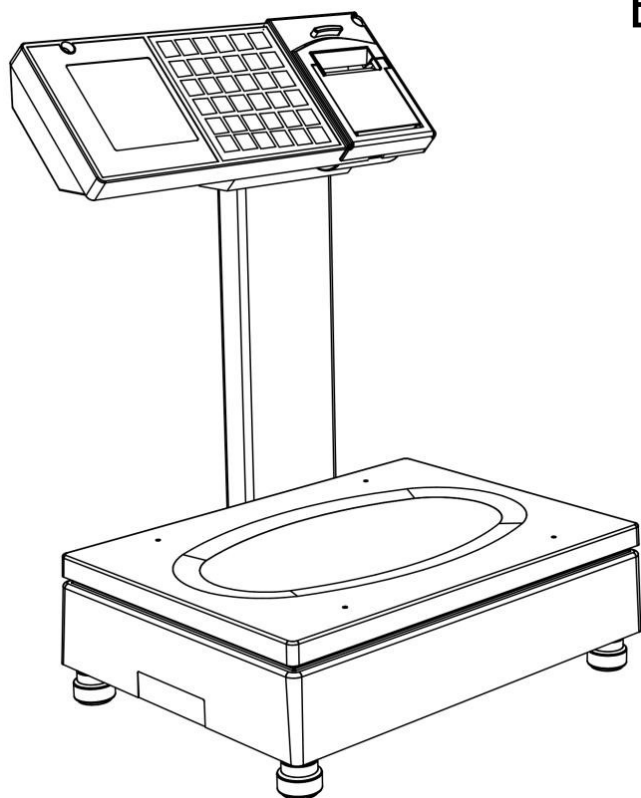


ELECTRONIC SCALEH2 USER MANUAL



WARNINGS

THIS MANUAL MUST BE KEPT AVAILABLE TO METRIC INSPECTORS AND SUPERVISORY STAFF.

THE ABOVE AVAILABILITY CONSTITUTES THE CONDITION FOR THE REGULAR USE OF THE INSTRUMENT AND FOR THE ADMISSION TO THE PERIODIC VERIFICATION REQUIRED BY THE REGULATIONS IN FORCE.

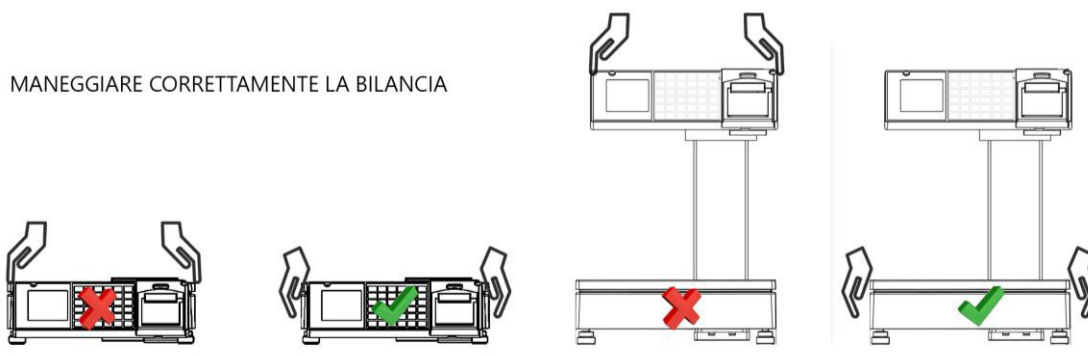
To obtain the best performance from the scale and ensure maximum life for all its parts, it is **NECESSARY TO FOLLOW SCRUPULOUSLY** the installation and use rules contained in this manual.

In the interest of the customers it is recommended to have the maintenance and, where necessary, the repair of the equipment carried out by the concessionary companies we have prepared for our **ASSISTANCE ORGANIZATION** as these companies are provided with appropriate equipment and particularly trained personnel.

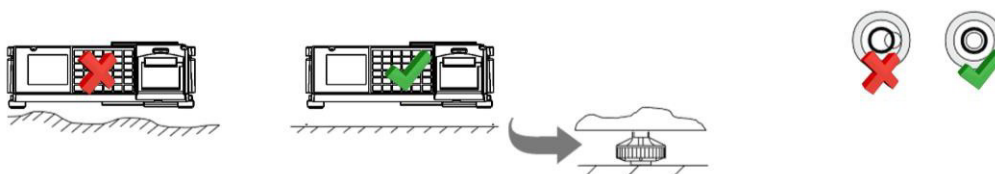
Please note that no responsibility can be attributed to the OMEGA BILANCE Srl Company for incorrect interventions performed by unauthorized services and for any damage deriving from the use of non-original spare parts.

Furthermore, OMEGA BILANCE Srl declines all responsibility for improper use made with the scales it produces, including connection to peripherals and terminals not specifically provided for or in any case not included in the approval provision.

MANEGGIARE CORRETTAMENTE LA BILANCIA



METTERE IN PIANO LA BILANCIA E REGOLARE I PIEDINI

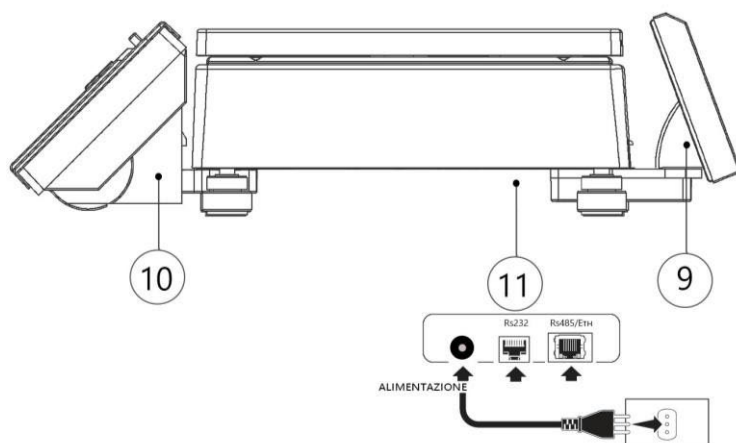
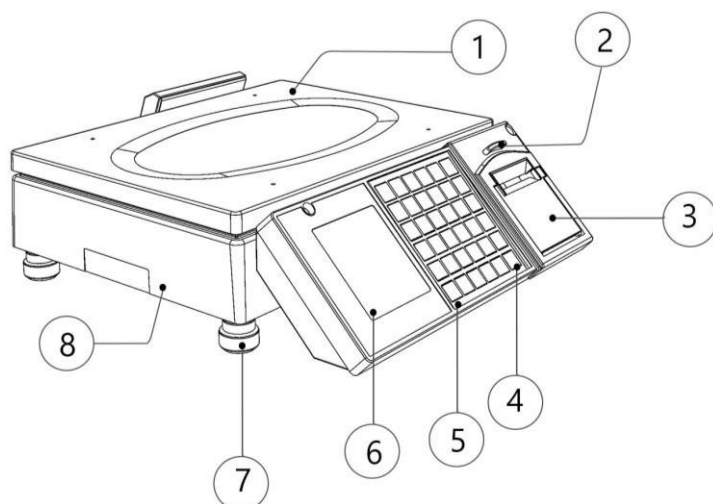


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PRODUCT DESCRIPTION



1 PLATE FOR GOODS
2 BUTTON OPENING
PRINTER

3 PRINTER / PAPER COMPARTMENT

4 POWER BUTTON

5 KEYBOARD

6 OPERATOR LCD DISPLAY

7 ADJUSTABLE FOOT

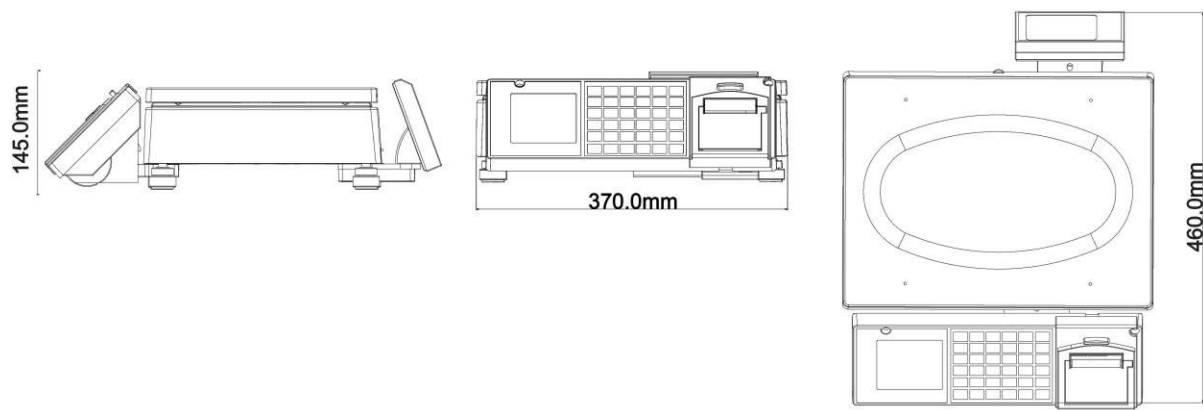
8 BASE

9 CUSTOMER LCD DISPLAY

10 RESET BUTTON

(accessible via object pointed, through a small hole in the base in correspondence with the "0" key. To be used in case of failure to switch on with the appropriate key [C / On / Off])

11 CONNECTION PANEL RS232 port (RJ45 connector) for connection to: ECR Ditronetwork, Check-out, firmware update RS485 port (RJ45 connector) for network connection (Master-Slave)

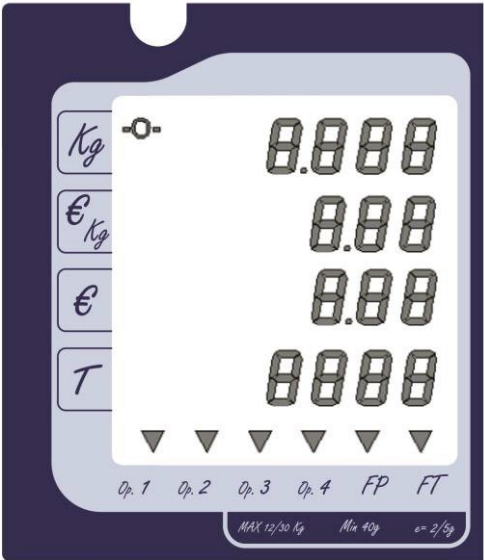


LATERAL AND FRONT VIEW CS AND PL MODEL

The scale has two backlit LCD displays (one operator side display, one customer side display).

Operator display

Below is the layout of the screen printing for the operator display.
The display shows 4 information lines: WEIGHT - PRICE - AMOUNT - TARE. The TARA information is given by 4 digits without the dot.



Weight

Price

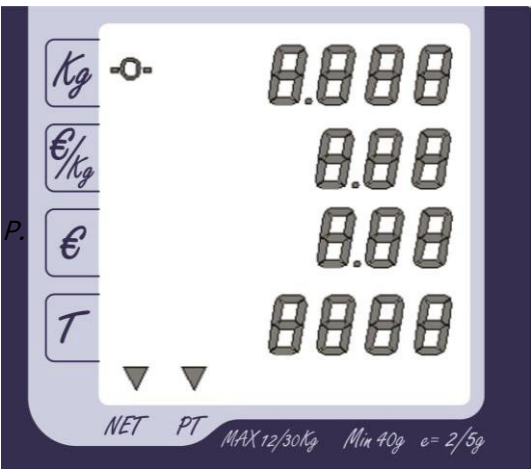
Amount

Tare

Caption "Zero" to report the SCALE AT ZERO
Caption "Op. 1... Op. 4" to report the active operators
Caption "FP" to report the PRICE LOCK
Caption "FT" to report the TARE LOCK

Customer display

Below is the layout of the screen printing for customer display.
The display shows 4 information lines: WEIGHT - PRICE - AMOUNT - TARE. The TARA information is given by 4 digits without the dot.



Weight

Price

Amount

Tare

Caption "Zero" to signal the SCALE AT ZERO
Caption "NET" to signal the display of the NET WEIGHT

Caption "PT" to signal the presence of the
PREDETERMINED TARE

Mechanical keyboard

This Electronic Scale mounts a mechanical keyboard, the layout of which is shown below



"PLU 1/11" keys ÷ "10/20" PLU for recalling direct and semi-direct PLUs
SHIFT "key for selecting semi-direct PLUs

"PLU" key for calling indirect PLUs

"ESC / Key" key for entering / exiting the protected functions

"T" key for entering the AUTOMATIC TARE

"PT" key for entering the MANUAL TARE "F" key

for recalling the Quick Functions "+ / x" key for

setting POSITIVE VALUES "-" key for setting

NEGATIVE VALUES Numeric keys "0" ÷ "9 "

Numeric "00 / HELP" key with "HELP" function for printing menus

"C / on / off" key to CANCEL incorrect settings and with ON / OFF function to switch the scale on / off

"OP1" keys ÷ "OP4 "for operator identification

"RC" key for command of the RECALL RECALL function "ENTER"

key for command of receipt printing

PART ONE: INSTALLATION

INSTALLATION AND CONNECTION TO THE POWER NETWORK

For its correct functioning and to speed up the weighing operations, the scale must be placed on a sufficiently stable surface free from consistent vibrations. Level the scale by adjusting the feet so that the air bubble is positioned in the center of the reference circle, then lock the feet using the ring nuts.

The connection of the scale to the power supply line must be done with great care and attention, in order to ensure maximum operating safety of the equipment; it is therefore essential to strictly observe the following rules:

- power the scale with a preferential line that starts directly from the meter or from the distribution panel, avoiding that the same electric line connects other equipment with high absorption (refrigerator compressors, slicers, neon lamps, etc.);
- install a "Schuko" socket (16 A, 220 VAC, 50 Hz). The connection to the earth line is essential to allow the anti-interference filter, with which the scale is equipped, to work correctly and to intervene when necessary to eliminate them.

ATTENTION : THE SCALE, POWERED BY A LINE WITHOUT THE EARTH WIRE, CANNOT OPERATE CORRECTLY AND MOREOVER IT COULD DAMAGE ITS ELECTRONIC EQUIPMENT.

THEREFORE, WE DISCLAIM ANY LIABILITY FOR ANY OPERATING DEFECTS OR FOR ACCIDENTS TO THE OPERATORS RESULTING FROM THE NON-COMPLIANCE OF WHAT WE RECOMMEND.

INTERCONNECTION OF SCALES IN RS485 NETWORK

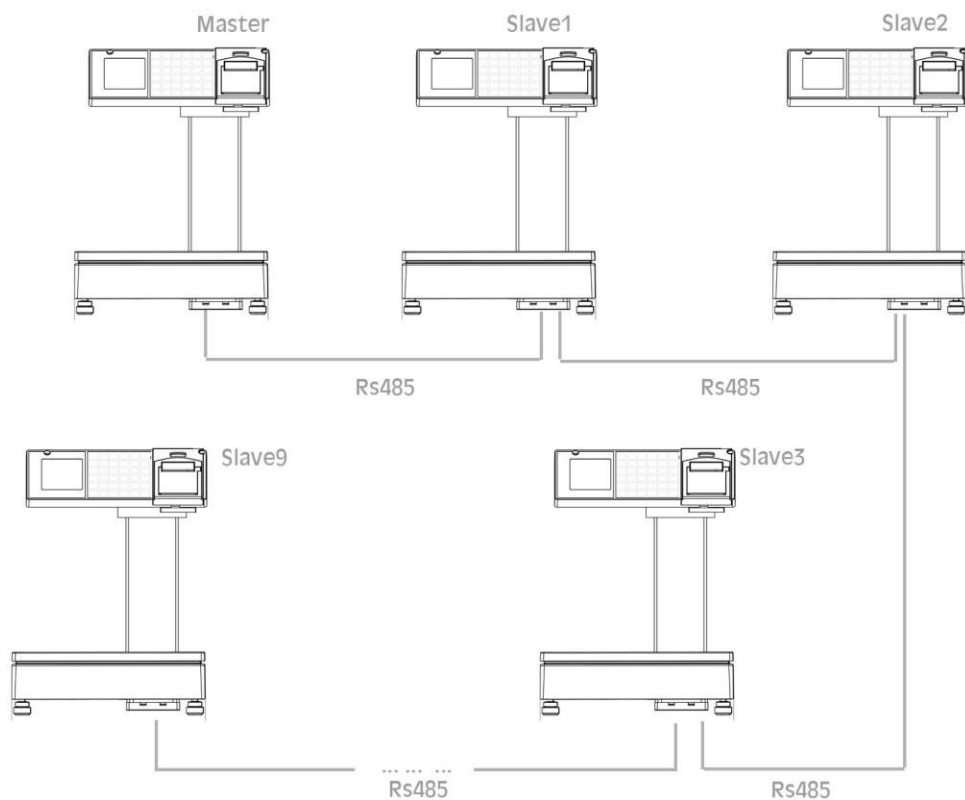
Should the scale be interconnected in RS485 NETWORK with other similar scales, the connection cables must be arranged as in the figures represented below.

For these connections, special shielded cables must be used, which must not be inserted in conduits crossed by electrical power supply lines. Up to 10 scales can be interconnected by inserting the cable terminations in the appropriate connectors located in the base and making sure they are correctly fixed.

The connectors used for connecting the scales to the "DATA BUS" cable are of the 8-pole female type (RJ45).

The length of the "DATA BUS" cable cannot exceed 500 meters overall.

After making the electrical connections, the system scales must be prepared for NETWORK operation by means of the programming described in the paragraph "Assigning the network number to the scales"



CONNECTION OF THE SCALE TO A DITRONETWORK ECR

The scale can be connected to a DITRONETWORK ECR via the appropriately configured RS232 serial port.

Two modes of operation are possible:

- Department sale :

The scale works as a normal weighing instrument and uses the ECR connected as a fiscal printer (i.e. it sends the sales data to the ECR).

In this mode the scale, at the end of the transaction, can send or not the data to be printed to the ECR. The data can be sent in detail for each individual sale or as a total.

In this mode it is the scale that "drives" the ECR.

- Check-out :

The scale is used only for weight reading. In this case, it will be the ECR which, for the sale of an article by weight, will read from the scale by means of suitable function keys (weight and tare) which must have been previously programmed. In this mode it is the ECR that "drives" the scale.

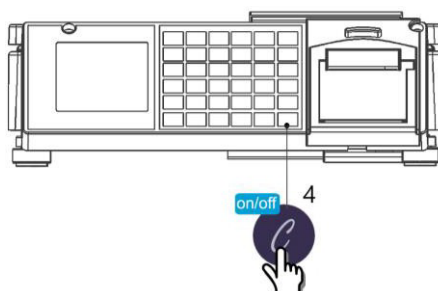
PART TWO: OPERATION

SELECTION OF THE OPERATING MODE

The scales can be set up for operation in the modes indicated below, by pressing the "ESC / Key" and "2" keys in sequence. Use the "+" and "-" keys to select the mode and "ENTER" to confirm the selection.

- 1.WEIGHT = the scale is enabled only for weighing and prohibited from setting the price and printing;
- 2.RECEIPT = all the data of the series of weighs performed by the operator for his customer will be printed at the end of the service on a receipt
- 3.CHECK-OUT = the scale is enabled only for weighing (and prohibited for setting the price and printing) for sending the data to a DITRONETWORK ECR or to a DITRONETWORK POS system with XPOS PC software.

SWITCHING ON THE SCALE AND AUTOMATIC ZEROING



The scale is switched on by pressing the "C / on / off" key on the keyboard; this operation must be carried out exclusively with the plate unloaded to allow the AUTOZERO IGNITION device to align itself with the mechanical ZERO, thus automatically compensating for any drifts or out-of-calibration of the kinematic mechanisms.

Immediately after switching on, the software release is displayed, then a control test of all the electronics is automatically followed, including the displays, lighting up all the signaling symbols and numerical digits from 0 to 9 and the part concerning the weight detection. If all the checks have a positive result, after the "Zero Position" search cycles, the scale will enable operation.

A special electronic device (AUTOMATIC ZERO) allows the scale to align itself to zero after each weigh performed. The lit "Zero" caption will indicate that the scale is perfectly aligned on the starting position for weighing. If, during normal operation, with the plate unloaded, the scale is not at "zero", just press the "F" and "0" keys in sequence to bring it back to the correct starting position.

The reading of the weight is guaranteed by special control circuits which, in the event of faults or accidental errors, inhibit the functioning of the display devices.

PRICE SETTING

The PRICE / kg SETTING can be carried out using the "numeric keyboard" indifferently before or after placing the goods on the scale plate.

The "C" key allows you to cancel any setting errors.

RECALL OF PRICES AND STORED TARE (PLU)

The RECALL of the PRICES AND STORED TARE (PLU) is carried out with the "PLU" key after having dialed the number of the product to be treated with the numeric keypad: the LCD display will show the name of the product whose price has been recalled, thus guaranteeing the correct execution of the operation.

Furthermore, the scale is equipped with a keyboard section for recalling 10 direct PLUs or as many semi-direct PLUs:

- Direct PLUs = by pressing one of the ten PLU keys once, the data of PLUs from 1 to 10 will be recalled;
- PLU Semi-direct = by pressing in sequence the "SHIFT" keys and one of the ten PLU keys, or by pressing one of the PLU keys twice in sequence, the data of PLU 11 to 20 will be recalled.

The operations for entering prices, tares as well as the description to be associated with the direct or semi-direct recall keys are described in the appropriate paragraphs of the chapter dedicated to programming.

The data present on the displays and relating to the recalled PLU will be canceled by recalling another PLU or by pressing the "C" key (twice).

PRICE SETTING OF UNWEIGHED GOODS, DISCOUNTS, RETURNS

The "+ / x" key allows you to compose price values for non-weighed products, therefore sold by the piece: when you press the aforementioned key, the WEIGHT and TARE displays of the scale will switch off while the PRICE and AMOUNT displays the value subsequently set with the numeric keypad.

The scale, inhibited in the normal weighing function for the entire duration of the operation, becomes active again when a memorization key "OPx" or key "C" is pressed.

It is possible to recall, with the operation described in the previous chapter, stored bulk price values.

The "-" key allows you to compose negative numerical values relating to RETURNS or REBUDGES: also in this case, pressing the "-" key will turn off the WEIGHT and TARE displays of the scale and the PRICE and AMOUNT displays will be shown the value then introduced.

The scale will become active again when the command for storing the entered value "OPx" or when the "C" key is pressed.

If the number of products sold in bulk or returns is more than one, after setting the unit price as explained above, by pressing the "+ / x" key and typing on the

numeric keypad the number of pieces will be automatically calculated and the result of the operation will be shown on the AMOUNT display, while the Unit Price will be shown on the PRICE display and the number of transacted packs will be shown on the WEIGHT display.

Pressing the "OPx" memory key or the "C" key will reactivate the scale.

DEDUCTION OF TARE VALUES

By operating as shown below, the scale allows you to deduct the tare values necessary for the determination of the NET WEIGHT:

- SEMIAUTOMATIC TARE = place the container or sheet of paper on the weighing pan, the weight of which must then be deducted and press the "T" key.
The value detected and shown on the WEIGHT display will be transferred to the TARE display.
- MANUAL or PREDETERMINED TARE = already knowing the value of the weight you want to tare, you can proceed as follows:
 - press the "PT" button;
 - set the tare value to be deducted using the numeric keypad (this value, which must always be equal to or multiple of the scale division, will be displayed directly on the PRICE display while the total of the tare will be displayed at the same time on the AMOUNT display);
 - press the "PT" key again to return the scale to the normal weighing function.

The operation listed above can be performed before or after placing the goods on the weighing pan; the "PT" indicator light on will indicate that the tare value has been set via the keyboard. The tare value will be shown on the relevant display.

The value of the SEMI-AUTOMATIC or PREDETERMINED TARE, yes will cancel automatically unloading the goods from the scale after storing the weighing data. If, on the other hand, you wish to cancel the unused tare value, press the "F" and "1" keys or the "T" key in sequence.

BLOCKING AND UNLOCKING THE PRICE AND / OR THE TARE

If you want to keep the PRICE and TARE values present on the respective displays for several weighs, simply press the keys in sequence:

- "F" and "3" to set the lock of the two values;
- "F" and "4" to set the unlocking of the two values;
- "F" and "8" to set the blocking / unblocking of the tare;
- "F" and "9" to set the price lock / unlock.

The "FT" light on will indicate the presence of the TARE LOCK, while the "FP" light on will signal the PRICE LOCK.

IMPORTANT: it is not allowed by national regulations to use the Tare block on scales used for direct sale to the public. The set price and tare value (not linked to a PLU), even if locked, will be deleted respectively by pressing the "T" key and with the key sequence "F" and "1

OPERATION IN "RECEIPT" MODE

With the scale set up for "receipt" operation, the data of all the items weighed by each operator for their customer will be stored in special registers and printed on the receipt at the end of the service.

STORAGE OF WEIGHING DATA AND PRODUCT CLASSIFICATION

Special registers, for each operator, allow the scale to store all the data (Weight, Tare, Price, Amount and Type of Product) of the transactions carried out for the customer being served.

By pressing his own identification key (from "OP1" to "OP4") of the scale used, each operator will store the above-mentioned data relating to the weigh in progress; if one of the aforementioned keys is pressed with the weighing plate still in motion, the storage command will be executed as soon as the weight has stabilized.

A buzzer sound placed inside the scale will warn the operator that the required recording has been made: the display will show, for a few moments, the operator, the number of packages and the amount of the service.

The data of the transactions carried out by each operator for the customers served by him will be totaled in specific registers; in this way it is possible to divide everything that has been sold into product categories or tax rates.

By pressing the operator identification keys, the prices of the products sold in bulk or the negative values relating to RETURNS or REBONDS can also be recorded.

Negative values will be accepted only if their amount is not higher than the positive values already introduced: practically the customer who is serving will never be able to go into credit with respect to the shopkeeper. Negative values will be totaled in the special register dedicated to RETURNS.

RECALL OF THE PARTIAL OR SUBTOTAL TOTAL

By pressing their own "OPx" identification key, each operator can call up the "PARTIAL TOTAL" or "SUBTOTAL" data of the service in progress on the scale displays: the WEIGHT display will show the operator identification number, the PRICE display the number of the transactions made, the AMOUNT displays the total sales of the customer up to the time the subtotal is requested.

The display of the "PARTIAL TOTAL" will be canceled by pressing the "C" key or by the movement of the tray.

REVERSE OF WEIGHTS ALREADY MADE

The scale allows the operator to cancel the data of any of the weighs carried out, but belonging to the service in progress or to the one reopened, by operating with the following procedure:

- by pressing in sequence the keys "F" + "7" and, if required, their own key "OPx", each operator can recall on the display, the abbreviated description and the amount value of the current transaction;
- each time the "-" key is pressed, the data of the previous products will be displayed, while the "+ \ x" key will show those of the following product. The "WEIGHT" display will show the number of the current transaction with respect to the total number.

- pressing the "C" key will cancel the data shown on the display, also confirmed by the buzzer sound and the specific message on the display ("Cancel OK"). Data whose absence would cause the "Subtotal" to go negative cannot be reversed.

TOTAL CUSTOMER

By pressing in sequence the "ENTER" key and then his own identification key "OPx", each operator can CLOSE the SERVICE and print the CUSTOMER TOTAL: all the information recorded by the operator during the service just completed will be sent to the printer.

A receipt will be issued bearing the weight (and possibly tare), price and amount data of each product transacted, the number of transactions and the relative total to be paid; the receipt will be completed by the time, date, identification code or name of the operator and, if programmed, by header or promotional lines.

If programmed with the appropriate function described in the PROGRAMMING chapter, the service amount and a scale recognition code will also be printed in optical characters such as EAN 13 (BARCODE) in order to allow them to be read at the cash desks equipped with a scanner.

If activated with a specific operation described in the PROGRAMMING chapter (Function 25), the Customer Total shown on the receipt will be divided by VAT rates and the relative amount calculated for each rate.

The operator code will be displayed on the WEIGHT display, the number of transactions carried out will be displayed on the PRICE display, while the AMOUNT display will show the total of the service performed.

REOPENING OF THE RECEIPT

By pressing in sequence the "RC" key and its own identification key "OPx" with the service closed, the operator can reopen the last service performed in order to add or reverse the amounts of the products that the customer had forgotten to order or that he had requested incorrectly.

Alternatively, it is possible to reopen a particular receipt by typing again the "RC" key followed by its number and confirming with the "ENTER" key.

At the end of the operation, by pressing the "ENTER" key and the operator identification key, a second receipt will be issued, which will show all the items of the first receipt and those added after its reopening.

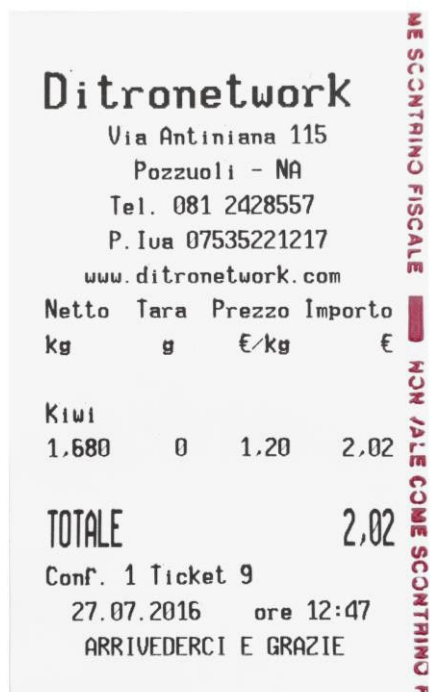
Only the data contained in the second receipt issued will be accumulated in the General Total registers so as not to alter the management data contained.

I WILL RETURN

If, by means of a specific programming operation, the "Change calculation" function is enabled, at the end of the service, before the receipt is issued, the display, after the writing "CASH", will show the value of the cash paid by the customer for the payment of what has been purchased and entered by the operator using the numeric keypad.

Pressing the "ENTER" key again will print the receipt for the customer, which also includes the sum of the cash paid and the change value calculated by the scale.

EXAMPLES OF NORMAL RECEIPTS REPORTING ALL SERVICE DATA



RECEIPT WITH THE DATA OF A
ALONE
TRANSACTION (Single Ticket)



NORMAL RECEIPT REPORTING ALL
SERVICE DATES

PART THREE: GENERAL TOTALS AND PROGRAMMINGS

All data relating to the work carried out by the scale are stored and totaled in specific registers: the processing of the data contained in the aforementioned registers allows to obtain useful summary information (GENERAL TOTALS).

Furthermore, the scale can be set up to perform particular functions in order to simplify or complete the work of the operators (PROGRAMMING)

Access to these two areas, protected and reserved, is allowed to the owner of the special "electronic key" (password), and only when there are no open services: thus the confidentiality of the data contained in the total registers is guaranteed (the viewers on the customer side, they will remain off until these functions are exited) and does not allow operators to alter the work methods envisaged for the scales.

GENERAL TOTALS

After having pressed the "ESC / KEY" and "3" keys in sequence, the operator will be asked to type on the numeric keypad the secret 6-digit combination if different from "000000" which is the factory setting.

However, each user can modify it at will with the specific function provided (see chapter "MODIFICATION OF THE ELECTRONIC KEY" in the PROGRAMMING section). Only if the combination is correct, it will be possible to request the General Totals listed below, otherwise the scale will show the message "Wrong Key" on the display and emit a buzzer sound

By pressing the "00 / HELP" key, the list of the GENERAL TOTALS that can be requested will be printed.

GENERAL TOTALS WITH "RECEIPT" SCALE

PRINT OF THE TOTAL OPERATORS

By pressing one of the operator identification keys "OPx" a receipt will be issued showing the management data of the work performed by the operators: number of customers served and weighing operations.

PRINTING AND RESETTING THE TOTAL OPERATORS

By pressing in sequence the "RC" key and one of the identification keys of the "OPx" operators, the receipt described in the previous paragraph will be issued and the registers assigned to the totalization of the operators' management data will be reset.

To confirm the correct execution of the operation, after the management data contained on the receipt issued by the scale, the progressive number of the zeroing and the writing ">>>>> RESET <<<<<" will be printed.

PRINT OF THE GRAND TOTALS

By pressing the "PT" key, a receipt will be issued showing the overall management data of the work carried out by all the operators. A department summary will also be printed.

PRINTING AND RESETTING THE GRAND TOTALS

By pressing the "RC" key and the "PT" key in sequence, the receipt described in the previous paragraph will be issued and the registers assigned to the totalization of the overall management data of all operators will be reset.

To confirm the correct execution of the command, after the management data contained on the receipt issued by the scale, the progressive number of the zeroing and the wording ">>>> RESET <<<<<" will be printed.

PRINTING THE MOVEMENTS OF A SINGLE "PLU"

By recalling a single direct or semi-direct PLU or with the relative code followed by the "PLU" key, a receipt will be issued showing, after the code and description of each product handled, the relative total data relating to the number of transactions carried out, the weight and to the total amount. The "T" key will allow you to print the data relating to PLU 0.

As belonging to PLU 0, the totals of products sold whose price has been set with the numeric keypad and not recalled among those stored in the memory will be printed.

The date and time of issue will complete the receipt.

PRINTING AND RESETTING THE MOVEMENTS OF A SINGLE "PLU"

By pressing the "RC" key and recalling a single direct or semi-direct PLU or with the relative code followed by the "PLU" key or by following the "t" key, a receipt will be issued with the data reported in the previous paragraph, but followed by the number progressive number of resets and the wording ">>>> RESET <<<<<" confirming the cancellation of the data mentioned

PRINTING OF "PLU" MOVEMENTS

By pressing the "PLU" key, a receipt will be issued showing, after the code and description of each product handled, the relative total data relating to the number of transactions carried out, the weight and the total amount.

As belonging to PLU 0, the totals of products sold whose price has been set with the numeric keypad and not recalled among those stored in the memory will be printed.

The date and time of issue will complete the receipt.

PRINTING AND RESETTING THE "PLU" MOVEMENTS

By pressing the "RC" key and the "PLU" key in sequence, a receipt will be issued with the data reported in the previous paragraph, but followed by the progressive number of resets and the wording ">>>> RESET <<<<<" to confirm the cancellation of the data mentioned.

FUNCTIONS THAT CAN BE ACTIVATED IN THE "PROGRAMMING" STATE

As previously reported, the scale can be set up to perform particular functions in order to simplify or complete the work of the operators: after pressing the "ESC / Key" and "4" keys in sequence, the message "Ins Pass" will appear on the display to invite the operator to enter a 6-digit secret combination on the numeric keypad if previously set.

At the time of delivery of the scale, the secret combination already programmed is "000000" which corresponds to no key inserted, however each user can modify it at will with the specific function provided (see chapter "MODIFICATION OF THE ELECTRONIC KEY" in the PROGRAMMING section) .

Only if the combination is correct will it be possible to access the Programming functions listed below; otherwise the display will show the message "Wrong Key" and the scale will emit a beep.

PRINTING THE LIST OF FUNCTIONS

By pressing the "00 / HELP" key, a receipt will be issued showing the list of all the functions that can be activated and their selection code.

COMBINATION OF KEYS RECALL PLU DIRECT TO THE PLU CODE

To associate the codes of the most used PLUs with the keys for direct recall, the following operations must be carried out:

- a) enter the code "10" (written "Abbin PLU" on the LCD display) and press the "ENTER" key to confirm;
- b) the message "Select PLU" on the LCD will prompt the operator to press the key for direct or indirect PLU recall and then to type the PLU address on the numeric keypad; the function code (Fn 10) will be shown on the WEIGHT display, the number of the selected direct recall key (Plu xx) on the PRICE display and the PLU address on the AMOUNT display which can be modified with the numeric keypad;
- c) by pressing the "ENTER" key, the pairing will be stored and you will return to point a) again to enter the next association;
- d) by pressing the "00 / HELP" key, the list of all the Direct PLU - Product Code couplings is printed.

With the "ESC / Key" key you will exit this function and return to the "Function Selection" status.

SETTING OF INFORMATION LINKED TO "PLU"

It is possible to memorize the PRICE, a TARE, the PRODUCT SECTOR, the DURATION DAYS and the BAR CODE for the best-selling products by performing the following operations:

- a) SELECTION OF THE PLU: after having typed the code "11" (or selecting the "IMP_PLU" item from the programming menu), the operator must type with the numeric keypad the address of the PLU to be treated and the AMOUNT display will show the description of the selected PLU; then confirm with the "ENTER" key.
- b) INTRODUCTION OF THE PRICE: the entry of the price value to be associated with the PLU is requested, which must be entered with the numeric keypad and which will be shown on the PRICE display (with the "C" key it is possible to cancel any value already present) ; the specifications written on the display ("PESOAP" or "CORPAP" or "PESPOCH" or "CORPCH") will indicate whether the

set must refer respectively to products sold at "Weight" (Price kg) or "Body" (Price Pcs): to change the type of selection activated, press the "+ / x" key; the "-" key allows you to define whether the set price must be of the "open" or "closed" type, that is, if the operator, after calling it up, will be able to modify it or not; by pressing the "ENTER" key, the Price is stored and therefore the passage to the next phase (setting the Tare value) is carried out.

- c) INTRODUCTION OF THE TARE VALUE: to each PLU (with sale by weight) it is possible to associate a "predetermined tare" value by typing the desired value directly with the numeric keypad (eventually with the "C" key the tare value will be canceled if it already exists). The tare value (which must always be equal or a multiple of the scale division) is displayed directly on the TARE display and can only be associated with PLUs sold by weight; by pressing the "ENTER" key, the Predetermined Tare data will be stored and therefore it will be possible to move on to the next phase;
- d) ASSOCIATION with a PRODUCT GROUP: it is possible, by typing on one of the numeric keys, to associate the selected PLU to a product group (from 0 to 19) and to the relative VAT rate (written "REP" on the display); the pairing will be shown on the PRICE display; by typing "0" the treated PLU will be inserted in the Generic Product Group that cannot be associated with any VAT rate: by pressing the "ENTER" key the Product Group will be stored with the passage to the next phase;
- f) INTRODUCTION of the BAR CODE: when the scale is set up for operation in "Single Ticket" mode, it is possible to print a specific EAN code for each PLU; to enter this product recognition code, the 5 or 6 digits requested must be entered with the numeric keypad (value that will be shown on the PRICE display); with the "ENTER" key the latter data is stored;
- g) TRACEABILITY: it is possible to enable or disable the traceability of the article. If an item is traceable, it is also possible to associate a list with it which will then be proposed during the sale phase (for the programming of the lots, see the appropriate paragraph). To enable or disable traceability, use the "+ / x" and "-" keys and confirm with the "ENTER" key.

With the "ESC / Key" key you will exit this function and return to the "Function Selection" status.

SETTING THE "PLU" DESCRIPTIONS

To match each of the PLUs with the relevant product name, and any rows for ingredients or other complementary information, you must operate as follows:

- a) SELECTION OF THE PLU: you will have to type the code "12" (or select the "dESCR_PLU" item from the programming menu): the operator must type with the numeric keypad the address of the PLU to be treated and press the "ENTER" key to confirm the selection; the AMOUNT display will show the selected address; the PRICE display is the current description of the PLU which can be modified by following the instructions in the paragraph "INSERTING AND MODIFYING ALPHANUMERIC STRINGS". With the "ENTER" key, the text entered is stored and the additional descriptions of the PLU are set;
- b) by using the "+" and "-" keys it is possible to select the line to be edited and confirm using the "ENTER" key;
- c) INTRODUCTION of the TEXT: the introduction of the text relating to the first description line is requested; the operator must type the text following the instructions in the paragraph

"INSERTION AND MODIFICATION OF ALPHANUMERIC STRINGS": with the "ENTER" key the entered text is stored and one passes to the second line;

- d) after having entered the text of the last line, the scale will automatically return to the point a) prepared to accept the selection of a new PLU. With the "ESC / Key" key you will exit this function and return to the "Function Selection" status.

By selecting "PLU 0", it is possible to enter a description line (27 characters) to be associated with generic items (not included among the PLUs) whose price is set directly with the numeric keypad.

PROGRAMMING OF VAT RATES

By typing the code "13", (or by selecting the "RATES" item from the programming menu), it is possible to memorize the different values of VAT rates to be associated, through the Merchandise Department, to the various PLUs at the time of their programming (see programming function number "12" described above).

To enter and store the percentage values in question, you must type in a value (from 00 to 19) corresponding to the address of the product department and confirm with "ENTER", then enter, using the numeric keypad, the percentage value (2 digits) that you want to associate with the selected product department and confirming with "ENTER" (the percentage value will be shown on the PRICE display while the selected product department will be shown on the AMOUNT display).

You can continue with the operation by selecting another department and entering a new percentage or, by pressing the "ESC / Key" key, to exit this function.

PROGRAMMING OF HEADING LINES AND RECEIPT CLOSING

The receipt issued by the scale can have up to 6 header lines and 3 closing lines: the text of these lines can be entered and stored using the numeric keyboard of the scale and stored until you want to modify or delete it.

The operator must type in the text following the instructions in the paragraph "INSERTING AND MODIFYING ALPHANUMERIC STRINGS": on the display it is possible to check that the text has been entered correctly;

You must proceed as follows:

- a) enter the code "14" (or select the "IntEst_" item from the programming menu) and press the "ENTER" key to confirm;
- b) by using the "+" and "-" keys it is possible to select the line to be edited and confirm using the "ENTER" key;
- c) enter the text of the selected line checking the correct execution of the operation on the display. By pressing the "ENTER" key, the passage to the text setting of the next line will be carried out;
- d) exiting this programming with the "ESC / Key" key, if at least one line has been modified, the printer will issue a receipt with the texts of the programmed lines, then the scale will be returned to the "Function Selection" status.

MODIFICATION OF THE COMBINATION OF THE "ELECTRONIC KEY"

It is possible to modify the access code to the "KEY" (electronic key) status as desired by operating as follows:

- a) enter the code "15" (or select the "CHANGE_KEY" item from the programming menu);
- b) using the numeric keypad enter a 6-digit code corresponding to the new combination of the "electronic key"; at the end of the code entry phase, it will be automatically printed to be stored as a "memo" if necessary and the scale will return to the "Function Selection" status.

PROGRAMMING THE BARCODE OF THE SCALE

The scale is able to manage and print different types of EAN 13 barcodes; barcode varieties have the following peculiar characteristics:

Guy	Structure
1 5-digit identification code + Value Amount or Weight	2 X ₁ X ₂ X ₃ X ₄ X ₅ Ck ₁ THE ₁ THE ₂ THE ₃ THE ₄ THE ₅ Ck ₂ 2 = Fixed number identifying products with variable weight or price X ₁ ÷ X ₅ =Product or bank identifier Ck ₁ = Intermediate Check Digit THE ₁ ÷ I ₅ =Value of the Amount or WeightCk ₂ =Final Check Digit
2 5-digit identification code + Value Amount or Intermediate Check Digit Weight always "0"	2 X ₁ X ₂ X ₃ X ₄ X ₅ 0 I ₁ THE ₂ THE ₃ THE ₄ THE ₅ Ck ₂ 2 = Fixed number identifying products with variable weight or price X ₁ ÷ X ₅ =Product or bank identifier 0=Check Digit Intermediate fixed at zero I ₁ ÷ I ₅ =Value of the Amount or Weight Ck ₂ Final Check Digit
3 6-digit identification code + Value Amount or Weight	2 X ₁ X ₂ X ₃ X ₄ X ₅ X ₆ THE ₁ THE ₂ THE ₃ THE ₄ THE ₅ Ck 2 = Fixed number identifying products with variable weight or price X ₁ ÷ X ₆ =Identification of the product or bank I ₁ ÷ I ₅ = Value of the Amount or WeightCk=Final Check Digit

- To activate the printing of one of the above barcodes it is necessary to operate in the following way: a) enter the code "16" (or select the "bARCODe_bil" item from the programming menu);
b) using the numeric keypad enter a value from 1 to 3 corresponding to the type of bar code to be activated;
c) finally enter, again with the numeric keypad, the scale identification code according to the selected standard;
d) the confirmation of the selection and the return of the scale to the "Function selection" status is carried out by pressing the "ENTER" key.

DATE AND TIME PROGRAMMING

The scale electronics incorporate a special circuit with calendar clock functions, which allows, when required, to present or print the Time and Date.

To SET or UPDATE the Date and Time, enter the code "17" (or select "dAtA TIME" from the menu); the display will show the date and time in the format DD.MM.AY oo: mm; using the numeric keypad it is possible to partially or totally modify the requested values; the flashing cursor will indicate the selected digit and the "+" and "-" keys will allow the cursor to move forward or backward.

Finally, pressing the "ENTER" key will synchronize the aforementioned internal clock, and return to the "Function selection" status.

PROGRAMMING THE NAMES OF THE OPERATORS

The names of the operators authorized to operate on the scale can be programmed; the operator's name (maximum length 12 characters) will be printed on all the receipts he issues. To program the names of the operators, proceed as follows:

- a) enter the code "18" (or select the item "nOMi_OP" from the menu). Use one of the operator keys to select the operator to be modified;
- b) enter the name of the operator following the instructions in the paragraph "INSERTING AND MODIFYING ALPHANUMERIC STRINGS": on the display it is possible to check that the text has been entered correctly;
- c) by pressing the "ENTER" key, the entered text will be stored and the next operator's name will be set;
- d) after having entered the required names, by pressing the "ESC / Key" key, the scale will return to the "Function Selection" status.

ENABLING AND DISABLING OPERATORS

The operators can work on the scale at the same time, alternating in weighing and each one serving their own customer: it is possible to enable or disable the service of one or more operators in the following ways:

- a) enter the code "19" (or select "AbIL_OP" from the menu); then select an operator by pressing the corresponding operator key; the enabling status of the same will be displayed;
- b) pressing the "0" (= disabled) or "1" (= enabled) key changes the enabling status;
- c) by pressing the "ESC / Key" key, the scale will be returned to the "Function Selection" status.

ACTIVATING BARCODE PRINTING (EAN 13)

The scale can be set up to print the EAN 13 barcode by proceeding with the following operation:

- a) by entering the code "21" (or selecting "St_bARCOdE" from the menu) by setting "0" (= no) or "1" (= yes) with the numeric keypad, it is possible to deactivate or activate the printing of the bars on all receipts or labels issued by the scale; the scale will automatically return to the "Function Selection" state.

ACTIVATION OF THE PRINTING OF THE HOUR AND MINUTES

To enable or disable the printing of the hour and minutes on the receipts issued by the scale, key in the code "22" (or select the "PRINT_HOUR" item from the menu) and key in "0" (= no) or "1" (= yes) with the numerical keyboard to set the scale to the desired operation and return to the "Function Selection" status.

PREPARING TO PRINT THE PRODUCT DESCRIPTION

The scale can be programmed to write on the receipts the description of the product transacted on the line that precedes the weighing data, by operating as follows:

- a) Enter the code "23" (or select "Print_dESCR" from the menu):
- b) Pressing the numeric key "0" or "1" or "2" or "3" enables the printing of the following description lines and the return to the "Function Selection" status:
 - "0" = no line
 - "1" = first row only
 - "2" = first two lines only

- "3" = all lines programmed

Even if enabled, the description lines of the PLU whose texts have not been programmed will not be printed.

The return to the "Function Selection" status will take place automatically.

ENABLING THE BUZZER AT THE PRESSURE OF ANY KEY

Pressing any key on the scale can be indicated by the sound of a buzzer; the sound emitted in this circumstance is different both in duration and in tone from that normally generated for the acceptance of a command or the execution of a function.

You will have to proceed as described below:

- a) enter the code "24" (or select "AUtOCLIK" from the menu);
- b) by typing "0" (= no) or "1" (= yes) with the numeric keypad you set the desired operation and return to the "Function Selection" status.

ENABLING THE PRINTING OF THE CONSIDERATIONS OF VAT RATES

If you want to print on the receipts, as an alternative to the Bar Code, the breakdown of the customer's total by VAT rates used (taxable amount and amount of VAT calculated based on the programmed rate), this function must be activated as follows:

- a) select the code "25" (or select the "PRINT_ALIQ" item from the menu)
- b) by typing "0" (= no) or "1" (= yes) with the numeric keypad you set the desired operation and return to the "Function Selection" status.

ACTIVATION OF THE SALE WITH ONLY "PLU"

It is possible to prevent the operator from selling goods without using the price assigned to each single item, practically not allowing him to transact products without having recalled them as PLUs, proceeding as follows:

- a) enter the code "26" (or select "SOLI_PLU" from the menu);
- b) by typing "0" (= no) or "1" (= yes) with the numeric keypad you set the desired operation and return to the "Function Selection" status.

AUTOMATIC EXIT FROM TOTAL CUSTOMER STATUS

With the scale set up for operation in "Receipt" mode, after printing the Total Customer, the number of packages purchased and the total of the receipt will also be shown on the main viewers; only the pressure of any key or a variation of the weight detected or the passage through zero will bring the scale back to normal operation.

When the scale is programmed for "automatic exit from Total status", immediately after printing the ticket, the scale returns to normal operation without waiting for any command or detecting weight variations.

To select the functioning mode of the scale, act as follows: a) enter the code "27" (or select the item "Auto Out T" from the menu);

- b) by typing "0" (= no) or "1" (= yes) with the numeric keypad you set the desired operation and return to the "Function Selection" status.

ACTIVATION OF THE PRINTING OF THE TARE

It is possible to select two receipt formats: the first foresees the printing of the WEIGHT, PRICE and AMOUNT data of each transaction carried out, while the second, in addition to the columns with the aforementioned data, also inserts the one relating to the value of the tare used.

You must proceed as follows:

- a) select the code "28" (or select the "PRINT_TARA" item from the menu);
- b) by typing "0" (= no) or "1" (= yes) with the numeric keypad, the desired receipt format is selected and returns to the "Function Selection" status.

ENABLING THE "CALCULATION OF THE REST"

The scale can be prepared to calculate the change for the customer served with the following procedure: a) enter the code "29" (or select the "CALCULATION_REStO" item from the menu);

- b) by typing "0" (= no) or "1" (= yes) with the numeric keypad you set the desired operation and return to the "Function Selection" status.

PRINT OF THE PROGRAMMING SUMMARY

In order to be able to quickly check the operating modes activated on the scale, the list of programmed Tares and PLUs as well as the texts of the Header and Closing Lines, it is possible to print a receipt showing the list of everything introduced through special programming. .

The programming summary is printed by typing the code "40" (select the item "PRINT_RIEP from the menu): a receipt will be automatically issued with the list of the programs carried out.

PRINT OF THE DESCRIPTIONS OF THE PROGRAMMED PLU

If you want to print the description of the programmed PLUs correctly and in full, you must enter the code "41" (select "Print_PLU from the menu): a receipt will automatically be issued with the list of descriptions stored for each PLU.

PROGRAMMING THE RECEIPT ITEM SEPARATOR

When printing the receipts, it is possible to insert or not a dividing line between the individual sales. To program the separation line, enter the code "51" (select "SEP_SCOntR" from the menu): press the "0" key to disable printing of the separation line, "1" to enable printing.

BATCH LISTS PROGRAMMING

If you want to program the batch lists associated with the traceable items, type the code "52" (select the "PROGR_LISTE" item from the menu):

- a) enter the number of the list to be programmed using the numeric keys and press the key "ENTER" to confirm the selection;
- b) at this point with "+" and "-" it is possible to select the category to be associated with the list selected and confirm with "ENTER".
- c) then you can select with "+" and "-" the line whose text you want to change, confirming with the "ENTER" key;
- d) enter the text following the instructions in the paragraph "INSERTION AND MODIFICATION OF ALPHANUMERIC STRINGS ": on the display it is possible to check that the text has been entered correctly;

e) to program the remaining batch lines, repeat the procedure described above points. Once all the lines in the list have been entered, the scale returns to the state described in point a).

To cancel the batch programming, use the "ESC / Key" key.

INSERTION OF THE PROGRAMMED TARE

The scale allows you to program a certain number of tares which can be quickly recalled using the direct PLU recall keys. To enter the programmed tares, the code "54" must be selected (select the "tARE_PROGR" item from the menu):

- a) press the direct recall key of the PLUs to be associated with the tare;
- b) enter the corresponding tare using the numeric keys;
- c) press "ENTER" to confirm the selection and store the association.

Repeat the operations described in the previous points to program other tares. To exit the tare programming menu, use the "ESC / Key" key.

BATCH MANAGEMENT METHOD (Traceability)

By typing the code "70" it is possible to select between two different traceability management systems:

- lot-list: with this selection, during the sale phase of a plotted PLU, the operator is asked for both the code of the lot and of the associated list with consequent printing of the information at the end of the service;
- list: with this selection, during the sale phase of a plotted PLU the operator is asked only for the code of the associated list, which will contain the lot code in the first row of the list. Also in this case the relevant information will be printed at the end of the service.

NEW PROGRAMMINGS

All the programming not present in this manual can be viewed by printing the "HELP" in this one as in all the other keys.

EXAMPLES OF RECEIPTS

MENU' PROGRAMMAZIONI	
Cod	FUNZIONE
10	Abb tasti richiamo PLU
11	Inform. abbinate ai PLU
12	Descrizioni&Ingred. PLU
13	Programm Aliquote IVA
14	Intestazione Scontrino
15	Modifica Chiave Elettr
16	Codice a Barra Bilancia
17	Programm Data e Ora
18	Progr Nomi Operatori
19	Abil /Dis. Operatori
20	Abil /Dis Raccolta Dati
21	Stampa Barcode S/N
22	Stampa Ora/Minuti S/N
23	Stampa descrizione
24	Auto Click S/N
25	Stampa Aliquote IVA S/N
26	Vendita soli PLU S/N
27	Uscita Auto Totale S/N
28	Stampa Tara S/N
29	Calcolo del Resto S/N
30	Configurazione QRcode
33	Modalit. Etichetta
40	Stampa riepilogo Progr
41	Stampa PLU Programmati
51	Separatore Scontr S/N
52	Programmazione Lotti
53	Programmazione Macro
54	Tare Programmate
55	Linefeed tra scontrini
56	Stampa Lotti Programm
57	Stampa Normale/Invert
59	Tempo di Basso Consumo
70	Mod. Gestione Lotti
71	Tempo Doppio Click
72	Risparmio Carta
73	Font Dati Metrici
77	Parametri Cicalino
79	Mod. stampa S.Ticket
80	Tare estese
81	Programm sconti
82	Etichette custom
83	Loghi
84	Prestampa S/N
85	Liste Pubblicità
86	Sequenza pubblicitaria
T: Invia Dati alle Slave	
06.09.2016	ore 11:05

Programming Menu Summary

NON VALE COME SCONTRINO FISCALE	
DESCRIZIONE ARTICOLO n. 1	
KIWI	
Barcode	: 987654
Prezzo	: 1.20 €/kg
Tara	: 2 g
Vendita	: a peso
Tipo Prezzo:	aperto
Reparto	: 0
Scadenza	: nessuna
Tracciabile:	NO
Indice Ingr:	0
23.07.2016 ore 18:34	
NON VALE COME SCONTRINO FISCALE	
DESCRIZIONE ARTICOLO n. 2	
MELE	
Barcode	: 012345
Prezzo	: 2.22 €/kg
Tara	: 0 g
Vendita	: a peso
Tipo Prezzo:	aperto
Reparto	: 0
Scadenza	: nessuna
Tracciabile:	NO
Indice Ingr:	0

Scheduled item description summary

PART FOUR: PAPER ROLL CHANGE

The scale printer uses rolls of thermal paper with a width of 57 mm and a diameter of 50 mm; the good quality of the thermal paper is essential for the correct functioning and duration of the printer.

IT IS RECOMMENDED, IN THE SAME INTEREST OF THE CUSTOMER, TO USE PAPER OF QUALITY AND CHARACTERISTICS AT LEAST THE ORIGINAL SUPPLIED BY THE COMPANY.

When the paper roll runs out, the printer is blocked and the "Paper end error" signaled on the display: the roll can be changed even with the scale on.

To insert a new paper roll, proceed as follows:

- firmly press the appropriate button with consequent opening of the printer cover;
- remove the core of the exhausted roll;
- insert the new roll making sure that the printed strip of paper is facing the right side of the printer;
- pull the paper into the printer until it comes out for a few centimeters;
- holding the paper in place, lower the cover by pushing it firmly until it closes.

PART FIVE: DIAGNOSTICS

Any intervention inside the scale requires the presence of authorized technical personnel. However, a good number of malfunctions are due to causes not inherent to the organs of the equipment. It is therefore good practice to carry out the simple and quick checks listed below before requesting the intervention of our assistance service.

SCALE DISPLAY OFF

- Check the power supply line of the balance
- Check the insertion of the power cord into the appropriate socket
- Try to "reset" the scale using a pointed object to insert into the appropriate one hole to press an internal reset button.

PART SIX: NETWORK

ASSIGNMENT OF THE NETWORK NUMBER TO THE SCALES

All the scales connected to the network must have a different network number (or identification code), but between "10" and "99", therefore, after installing the scales and having interconnected them, it is necessary to switch on the scales one at a time and assign each of them the specific network code by selecting the code "11" in Key 7 -> PWD 79513 (description "Network Number" on the LCD display) and typing the address reserved for it with the keypad. Furthermore, press the "PT" key to set "MASTER" or "SLAVE" and save the settings using the "ENTER" key.

Restore the scale to its operation by pressing the "ESC / Key" key.

The "MASTER" scales must always have a different address but equal to or multiple of 10: the least significant digit (zero) specifies the operation of the scale as "MASTER", while the most significant (one) indicates the address of the "Bank" managed by it.

All the "SLAVE" scales must always have a different address, consisting of the most significant digit equal to that of the "MASTER" to which they are connected and the least significant digit between 1 and 9.

Example: the "MASTER" scale of bank "2" will always have as address "20" and the "SLAVE" scales associated to it will have different addresses but included between "21" and "29".

The subsequent switching on of all the scales of the system allows you to check the correct programming of the network numbers as any anomalies (double network numbers, lack of "MASTER" scale, etc.) will be signaled by the scales concerned through specific messages on the LCD display .

TRANSMISSION OF PLU FROM "MASTER" TO "SLAVE"

The PLU archive (descriptions, prices, tares, etc.) is normally resident in all the memories of the interconnected scales and is automatically updated with each new data entry; however it may occur that for various reasons ("SLAVE" scales off during the update of the archive, insertion of a new scale in the system, repairs on a scale, etc.) this archive is not homogeneous in all the scales: in in this case it is useful and convenient to command the "MASTER" scale to retransmit all the data to the "SLAVE" scales. This operation (which can only be activated on the "MASTER" scale of the bench) is carried out by selecting the code "12" (Send Setup) in Key 7 -> PWD 79513 and confirming with the "ENTER" key.

To restore the scale to its operation, press the "ESC / Key" key.

VISUALIZATION OF THE STATUS OF THE NETWORK

It is possible to monitor, on the LCD display of a bench scale, the addresses of the active scales (fixed number) or temporarily disconnected (number flashing) by selecting the code "13" (Network Status) in Key 7 -> PWD 79513.

The exit from this function and the return to the "Function Selection" status is carried out with the "ESC / Key" key.

To restore the scale to its operation, press the "ESC / Key" key again.

PROCEDURE FOR REVERSING THE "MASTER-SLAVE" FUNCTION

If the "MASTER" scale of the network of scales were out of service, also its "SLAVE" scales would be only partially usable.

To allow the system to be restored to its full functionality, one of the "SLAVE" scales must be changed to "MASTER" using the following methods:

- turn off the "MASTER" scale out of service (and eventually disconnect the network cable that connects it to the system);
- enter Key 7 -> PWD 79513 to program the network number of one of the "SLAVE" scales of the cabinet;
- select the code "11" (Network Number) and set the scale to work as "MASTER" by reprogramming its network address (set the least significant digit of the address previously assigned to "zero"). Type the "PT" key to change from "SLAVE" to "MASTER" and save the setting using the "ENTER" key.

Restore the scale to its operation by pressing the "ESC / Key" key. The whole system will automatically return to its full functionality.

GROUP ADDRESS AND SUBNET MASK CONFIGURATION

The same address (defined "*group* ") as the IP address of the scale will consist of the group address plus the number of the scale ranging from 0 (Master) to 9 (Slave n. 9).

Let's take an example:

suppose we need to configure a bench with a Master scale (number0) and two Slave scales (number1 and number2).

Let's also suppose you want to configure the group address 192.168.1.200 (which must therefore be the same for all the scales).

In this case, therefore, the IP addresses of the scales (to be considered if, for example, it is necessary to carry out a connection test) will be the following:

Master -> 192.168.1.200

Slave n. 1 -> 192.168.1.201

Slave n. 2 -> 192.168.1.202

To configure the group address (e.g. 192.168.1.200) and the Subnet mask (255.255.255.0) carry out the following procedure:

- enter Key 6 (Service) -> PWD 79513;
- "-" key ("Other" menu) -> "ENTER" key;
- "-" key ("Ethernet" menu) -> "ENTER" key;
- display "IP Address" -> "ENTER" key;
- "IP_1" display -> "ENTER" key;
- type the first part of the IP address (eg 192) -> "ENTER" key;
- "+" key ("IP_2" display) -> "ENTER" key;
- type the second part of the IP address (eg 168) -> "ENTER" key;
- "+" key ("IP_3" display) -> "ENTER" key;
- type the third part of the IP address (eg 1) -> "ENTER" key;
- "+" key ("IP_4" display) -> "ENTER" key;
- type the fourth part of the IP address (eg 200) -> "ENTER" key;
- exit the "IP Address" menu by pressing the "ESC / Key" key;
- "+" key to the "Netmask" menu -> "ENTER" key;
- display "MSK_1" -> "ENTER" key;
- type the first part of the subnet mask (eg 255) -> "ENTER" key;
- "+" key ("MSK_2" display) -> "ENTER" key;
- type the second part of the subnet mask (eg 255) -> "ENTER" key;
- "+" key ("MSK_3" display) -> "ENTER" key;
- type the third part of the subnet mask (eg 255) -> "ENTER" key;
- "+" key ("MSK_4" display) -> "ENTER" key;
- type the fourth part of the subnet mask (eg 0) -> "ENTER" key;
- exit the "Netmask" menu by pressing the "ESC / Key" key;
- press the "ESC / Key" key 3 times;
- when the "Save Conf" message is displayed, press the "ENTER" key to save the configurations made or the "-" key and then the "ENTER" key to not save the configurations made.

PART SEVEN: MAINTENANCE

The electronic scale does not require any particular maintenance other than an external cleaning at least weekly performed with a soft cloth soaked in:

- ALCOHOL on the stainless steel parts to eliminate fingerprints and traces of grease left by the weighed products;
- PETROL AVIO on plastic surfaces to remove grease stains.

NB: grease stains on plastic surfaces must be DAB and not RUBBED.

Cleaning of the area under the weighing pan is also recommended to remove any organic material that may have accumulated there. This is for obvious hygienic reasons that to prevent it from penetrating into the organs of the scale, damaging them or preventing their regular functioning. The removal of this material can be done with a soft brush or, in more difficult cases, with cloths soaked in alcohol or neutral detergent.

INTERNAL BATTERIES (optional)

On request, special 7.4V lithium batteries can be installed in the scale, kept constantly charged by the scale's power supply. These batteries will automatically come into operation at each power failure in order to allow the continuation of the weighing service.

The red LED in the battery compartment flashes to indicate the charge condition of the batteries.

If the scale is powered by the mains, the message "ALiM MAINS" will appear on the display when it is switched on. If the scale is powered by batteries, when it is in stand-by it will show the message "StAto bAtt" on the display with the indicators:

☐ ☐ ☐ ☐ ☐ ☐ (maximum battery charge level)

☐ (low batteries)

This message will be automatically deleted by carrying out a new weighing or by pressing any key.

When the "StAto bAtt" message flashes, the batteries are excessively discharged therefore this will cause the scale to switch off automatically after a few minutes, which is the time necessary to close any open receipts.

If the mains power supply fails, the display will show the message "ALiM bAtt" and immediately afterwards "StAto bAtt" with the visualization of the indicators.

When the mains power returns, the display will show the message "MAINS ALIM".

TABLES AND FUNCTION CODES

INSERTION AND MODIFICATION OF ALPHANUMERIC STRINGS

The operator must enter the text using the numerical keys from "0" to "9" and referring to the "NUMERICAL CODES / PRINT CHARACTERS CONVERSION TABLE" shown below or printed by the scale by pressing the "00 / HELP" key.

The "SHIFT" key allows you to select the numeric characters.

For the insertion of alphanumeric strings some keys, LEDs, displays have the following special functions:

"C" key = deletes the character

"RC" key = deletes the text of the selected line "+ /

x" key = advances the cursor

"-" key = moves the cursor back

"ENTER" key = confirms the text and advances one line

"ESC / Key" key = exits without saving

"00 / HELP" key = print Help and character code

table "PLU" key = text centering when allowed

"SHIFT" key = numeric / codes

"OP1" key = select font "OP3" key

= insertion function

Caption "Zero" = on / off if the SHIFT function is enabled / disabled

Caption "NET" = on / off if the insertion function is enabled / disabled

Caption "FT" = on / off if the centering function is enabled / disabled

WEIGHT display = selected source normal, double height,

etc. PRICE display = string being edited

AMOUNT display = current column and row

NUMERICAL CODES / PRINT CHARACTERS CONVERSION TABLE

00	Space	20	4	40	H.	60	ç	80	p
01	!	21	5	41	THE	61	And	81	q
02	"	22	6	42	J	62	^	82	r
03	£	23	7	43	K.	63	_	83	s
04	\$	24	8	44	L	64	ù	84	t
05	%	25	9	45	M.	65	to	85	u
06	&	26	:	46	No.	66	b	86	v
07	'	27		47	OR	67	c	87	w
08	(28	<	48	P.	68	d	88	x
09)	29	=	49	Q	69	And	89	y
10	ENTER	30	>	50	R.	70	f	90	z
11	+	31	?	51	S.	71	g	91	to
12	,	32	@	52	T.	72	h	ninety two	or
13	-	33	TO	53	U	73	the	93	is
14	.	34	B.	54	V.	74	j	94	the
15	/	35	C.	55	W	75	k	95	€
16	0	36	D.	56	X	76	L	96	<<
17	1	37	And	57	Y	77	m	97	>>
18	2	38	F.	58	Z	78	n	98	EUR
19	3	39	G.	59	°	79	or	99	EUR

LIST OF DIRECT FUNCTIONS

CODE	TYPE OF FUNCTION
"F" and "0"	Semi-automatic Zero
"F" and "1"	Reset unused tare
"F" and "2"	Card change function
"F" and "3"	Activates the Price Block and the Tare Block
"F" and "4"	Deactivate the Price Block and the Tare Block
"F" and "5"	End of paper recovery
"F" and "6"	Single Ticket
"F" and "7"	Transaction cancellation
"F" and "8"	Activate / Deactivate the Tare Lock
"F" and "9"	Activate / Deactivate the Price Lock

FUNCTIONS AVAILABLE IN "GENERAL TOTAL" ENVIRONMENT

CODE	TYPE OF FUNCTION
"00 / HELP"	Print Function List
"OPx"	Print "TOTAL OPERATORS"
"RC" - "OPx"	Print and Reset "TOTAL OPERATORS"
"PLU"	Print PLU Movements
"RC" - "PLU"	Print and Reset PLU Movements
"PT"	Print the Grand Totals
"RC" - "PT"	Print and Reset the Grand Totals
"PLU xx"	Print Movements of the single PLU
"T"	Print Movements of PLU 0 (not coded)
"RC" - "PLU xx "	Print Single PLU and Reset Movements
"RC" - "T"	Print Movements PLU 0 and Reset

FUNCTIONS AVAILABLE IN THE "PROGRAMMING" ENVIRONMENT

CODE	TYPE OF FUNCTION
"00 / HELP"	Print Function List
"10"	Association of Direct PLU Keys to PLU Codes
"11"	Setting Prices, Tare, Department, etc. to PLUs
"12"	Setting Descriptions PLU
"13"	VAT rate programming
"14"	Receipt Header Programming
"15"	"Electronic Key" programming (password)
"16"	Barcode programming of the scale
"17"	Date and time programming
"18"	Programming of Operator Names
"19"	Enabling / Disabling Operators
"21"	Enable / Disable Print BARCODE
"22"	Enable / Disable Print Hours and Minutes
"23"	Print Mode Product Description
"24"	Enable / Disable Beep Keys
"25"	Enable / Disable Print VAT Total
"26"	Enable / Disable Sale only PLU
"27"	Enable / Disable Automatic Exit from Total Customer
"28"	Enable / Disable Print Tare
"29"	Enabling / Disabling Calculation of the Rest
"40"	Print Programming Summary
"41"	Print Programmed PLUs
"51"	Enabling / Disabling Receipt Items Separator
"52"	Lots programming
"53"	Macro programming
"54"	Insertion of Programmed Tare
"55"	Linefeed between receipts
"56"	Print Scheduled Lots
"57"	Normal / Inverted Printing
"59"	Low Consumption Time
"70"	Lots Management Mode
"71"	Double Click Time
"72"	Paper saving
"73"	Metric Data Font
"77"	Buzzer parameters
"79"	Single Ticket Print Mode
"84"	Enable / Disable Prepress



ITALIAN

INFORMATION FOR THE CONSUMER

This machine has been designed and assembled with high quality component materials that can be recycled and reused.

The symbol of a wheeled bin covered with an X means that the product meets the requirements of the Community Directive 2002/96 / EC of 27 January 2003 on waste electrical and electronic equipment (WEEE). It also means that the product must not be disposed of with normal household waste.

Find out how to collect electrical and electronic products in force in the area where you want to discard the product. When purchasing a new machine of an equivalent type, it is possible to return the machine to be dismantled to the distributor.

Follow your local waste disposal regulations and do not dispose of old products with normal household waste. Adequate disposal of the products helps to prevent environmental pollution and possible damage to health as well as to avoid incurring the penalties provided for in the event of non-compliance with the regulations in force.

ENGLISH

INFORMATION FOR THE USER

This machine has been designed and assembled with high quality materials and components, which can be recycled and reused.

The symbol of a wheeled bin crossed with an X means that the product meets the requirements of the EC regulations 2002/96 / EC of 27th January 2003 regarding Waste Electrical & Electronic Equipment (WEEE), it also means that used products should not be mixed with general household waste.

Get informed regarding the mode of waste for electrical and electronic products in force in the area where you want to get rid of the product. It is possible to return your product to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your nearest designated collection point where the product will be collected on a free of charge basis.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

FRANCAIS

INFORMATION POUR LE CONSOMMATEUR

Cette machine a été projetée et assemblée avec des matériaux et composants de grande qualité qui peuvent être recyclés et réutilisés.

Le symbole d'une poubelle barrée avec des roues, mais le produit satisfait les qualités de la Directive communautaire 2002/96 / CE du 27 janvier 2003 sur les déchets d'appareillages électriques et électroniques (DEEE), cela signifie aussi que les appareils ne doivent pas être jetés avec les ordures ménagères.

The faut will inform you on the modality of collecting the electric and electronic products in the area where the one desires is to be defected. Envoyezles dans les points de pré-collection désignés, which ils peuvent être déposés gratuitement. The est possible de renvoyer les produits au revendeur local en cas d'achat d'un produit équivalent.

As a corrective product, you contribute to the conservation of vital resources and to the prevention of the eventual negative effects on the environment and human health, which could otherwise arise from inappropriate waste handling.

Veuillez contacter les autorités locales pour connaître le point de pré-collecte le plus proche.

Des sanctions peuvent être appliquées en cas d'élimination incorrecte de ces déchets, conformément à la législation nationale.

DEUTSCH

AUSKÜNFTE FÜR DEN BENUTZER

Diese Maschine wurde mit hochwertigen Materialien und Bestandteilen geplant und zusammengesetzt, die wieder benutzt und wieder verwendet werden können. Dieses Symbol bedeutet, dass das Produkt den Vorschriften der EG-Richtlinien 2002/96 / EC vom 27.01.2003 zur Behandlung, zum Recycling und zur Beseitigung von Elektro- und Elektronik-Altgeräten entspricht. Es bedeutet auch, dass verbrauchte Produkte nicht mit gewöhnlichem Haushaltsabfall vermischt werden müssen.

Bringen Sie zur ordnungsgemäßen Behandlung, Rückgewinnung und Recycling dieses Produkt zu den entsprechenden Sammelstellen, wo sie ohne Gebühren entgegengenommen werden. Es ist auch möglich, dieses Produkt beim Kauf eines entsprechenden neuen Produkts bei Ihrem örtlichen Einzelhändler abzugeben. Die ordnungsgemäße Entsorgung dieses Produkts dient dem Umweltschutz und verhindert mögliche schädliche Auswirkungen auf Mensch und Umgebung,

die aus einer unsachgemäßen Handhabung von Abfall entstehen können. Genaue Informationen zur nächstgelegenen Sammelstelle erhalten Sie bei Ihrer Gemeindeverwaltung.

In Übereinstimmung mit der Landesgesetzgebung können für die unsachgemäße Entsorgung dieser Art von Abfall Strafgebühren erhoben werden.



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