



USER MANUAL

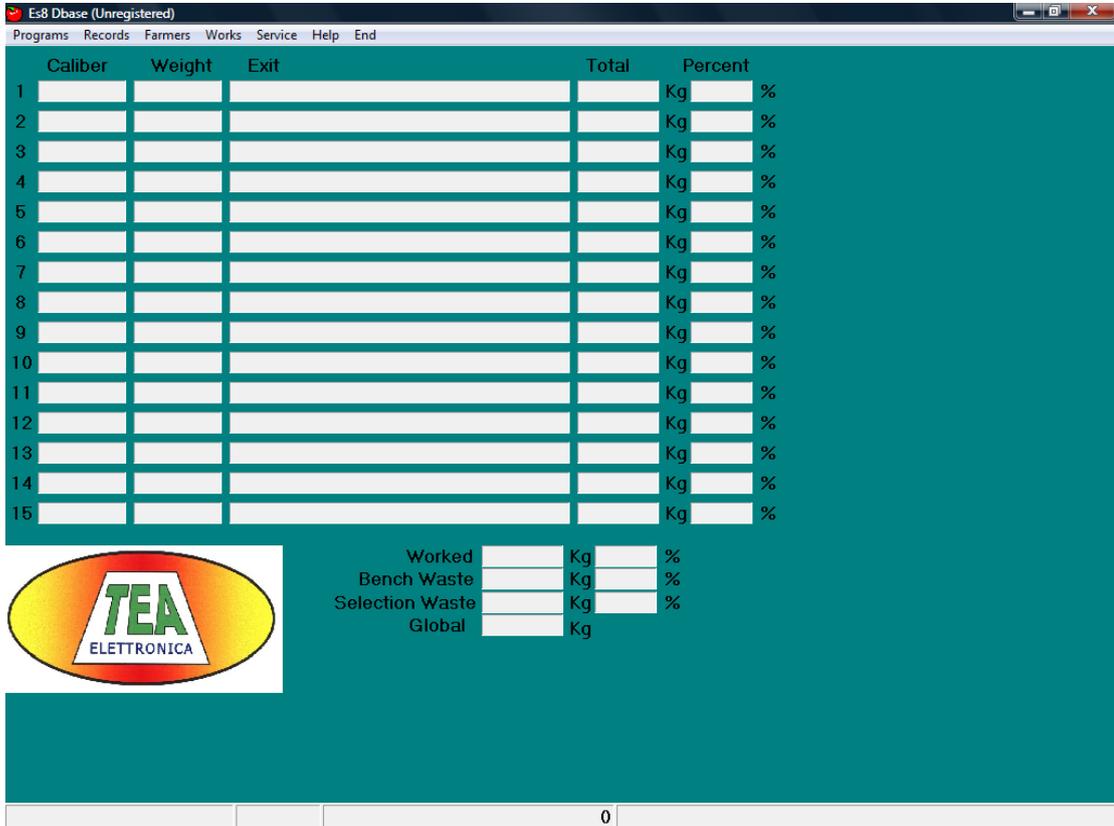


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THE DESKTOP

Let's look at an overview of the information that appears on the screen and their use.



The window of the program, the screen splits into three bands:

1. **Top:** A bar "Buttons" on which dropdown a menu with the functions. In practice, the various procedures executables were divided into four main groups in each of which includes certain operations. The next chapter will be described in detail.
2. **The Center:** contains the parameters of a job (program) and the results.
3. **In the Low-line:** Status of the machine. It's divided in 4 areas:

Not used

Record to Store . The number of record memorized but not store on the database.

Not used

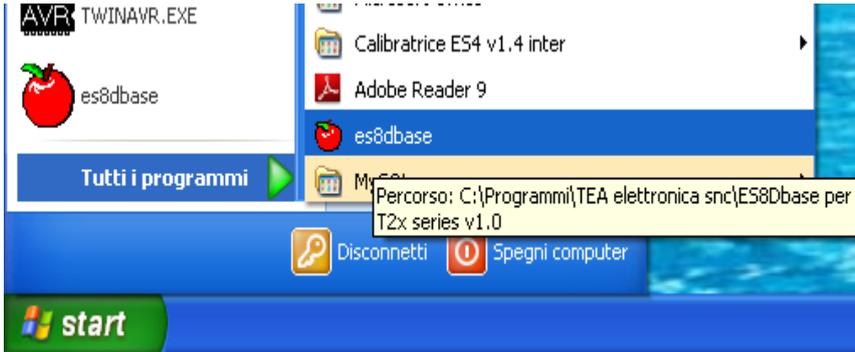
Timeout reception. This is the timeout to grab all the data send by serial line.

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START AND CLOSE PROGRAM

There is two mode to start the program:

The first mode is click on the Desktop Icons, like indicated in RightSide figure. Move the Cursor over the icon, then doble click fast with the left mouse button.



The second metode is to open the Start menu, then select programs, then select Es8Dbase like indicated in the upper figure.

Once launched, the program may be suspended, minimizing with the appropriate button in the top right to run other programs.

One realizes that the program is active by looking at the button at the bottom (as illustrated) and just click on the button to restore the screen.

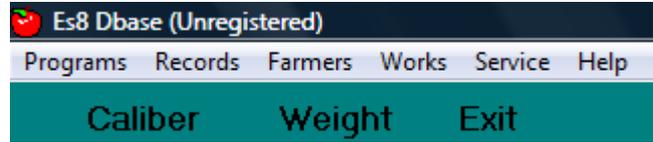
Also for the exit there are two possibilities. One is the button with the "X" at top right, and the other is the "End" button on the toolbar buttons.



We recommend using the "End" button as it ensures the proper closing of files and the temporary storage of data. If at night you suspend work without a save, and exit with this button, the next day will find all the information. The "X" in upper right corner is a button in Windows and the procedure is not guaranteed.

THE PROGRAM

Of course it is assumed that you are familiar with the techniques of using the mouse and keyboard, so we will not enter into detailed description about the Keyboard and mouse use. We recommend the purchase of one of the many books of rapid learning, on sales in all libraries around the world.



The management software of the machine, is summarized in 6 menu callable via mouse buttons on the second line of the screen. Each of these draws a sub-Menu drawn from the procedures.

PROGRAMS

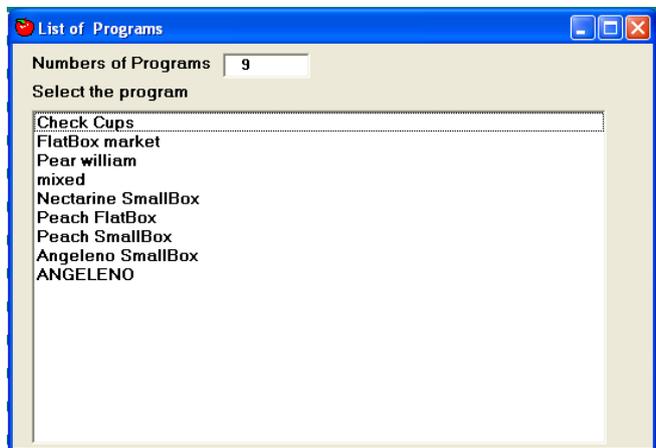
Is an archive that contains all the parameters of Sorting: the weights of the caliber. So you can create a program for each type of fruit and more programs for the same type. At any time, even during processing, you can access all of the procedures for modification of programs.



MODIFY

Select the program to modify, always by a window which appears on the list. By mouse click on the desired program (on this case "Check Cups").

Note on the right vertical bar that can be used to run programs.



The machine can account for 12 different calibers.

The window of the "program edit" have the columns of "Caliber", "Weight", "Exit". In analogy to our old equipment, the program is organized as a table. 12 vertical lines where each line represents a size, and different groups of vertical columns.

It was established that 1 size matches the size and the smaller sizes are prepared, falling, in ascending order.

In a horizontal direction, we have several columns that have specific functions.

Description max 15 car

is the name you give to the program and that serves to remind the operator the type of work they perform.

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Caliber max 4 car.

Even this column has no effect on processing. Used to describe the size and contains both numbers and letters, eg (B, A, etc.) (65-70, 70-75, etc..) Or (B8, A7, etc.) in the latter case the number is reported the number pieces per basket.

Weight max 3 number

Two columns are interfaced with each other. On the left column of the weight is the minimum size, the right is the maximum size. The software automatically adjusts the two columns each time you change a weight. We've added some programs from different machines, so you should always check the match before you start working as it may be necessary correction values. Some considerations on the modification of the weights:

- **Modify.** The change in the value of a minimum size will change the maximum size of the previous year, the change in value of up to one size will change the value of the minimum size the following year. This dual possibility may arise some confusion, and then recommend that you get used to using a single column (see "Processing").

NEW

This procedure presents a window with all the values to 0. It's a program used to prepare very different from existing ones.

COPY

This procedure presents the selection window of the program where you can choose the program you want to copy. Then enter the function "Modify". It's for quickly preparing a similar program to another without having to edit completely.

ERASE

To remove programs obsolete, incorrect or outdated. We recommend you do this always and only before the start of a campaign.

PRINT

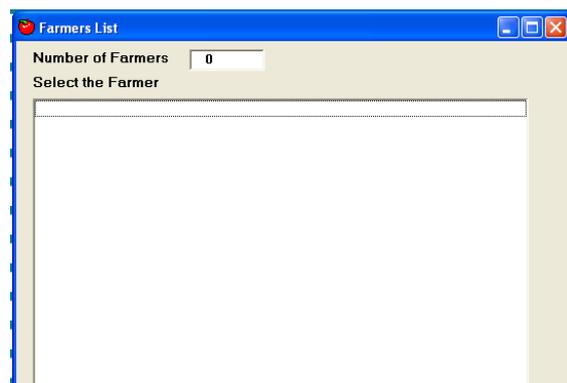
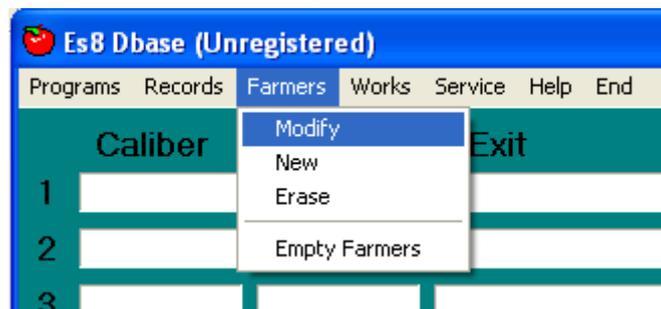
Lets print on paper the parameters of a program. The printer is managed by Windows and it is these that we must refer in case of problems.

FARMERS

Is an archive that contains all the farmers you will use in your record: there is a code and a description of the farmer. So you can create a list of farmers, from wich you can select the farmer you are currently processing the fruit.

MODIFY

You can select the farmer, then it appear a window like the bottom indicated.



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Description max 15 car

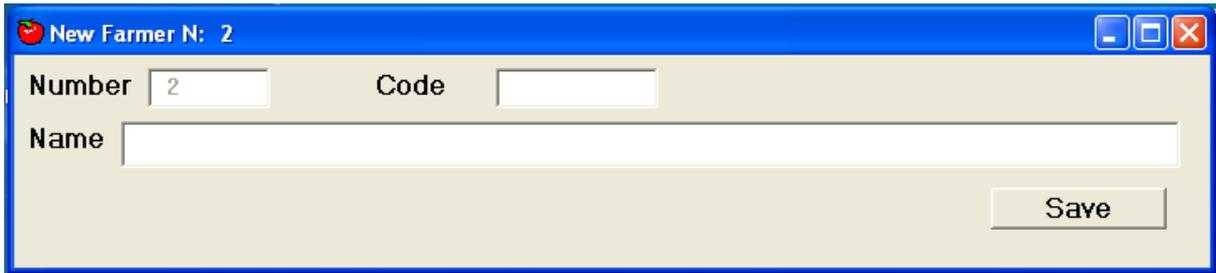
is the name of the farmer, it appear on the print of the record.

Code max 5 car.

This is the code of the farmer, it was used in the record to identify the farmer from this archive.

Number Read-Only

This field can't be modified, it report the progressive number of the archive.



The screenshot shows a dialog box titled "New Farmer N: 2". It features three input fields: "Number" containing the value "2", "Code" which is empty, and "Name" which is empty. A "Save" button is positioned at the bottom right of the dialog.

NEW

This procedure presents a window with all the values empty. The menu is used to prepare new farmers for future work.

COPY

This procedure presents the selection window of the farmers, where you can choose the farmer you want to copy. Then enter the function "Modify". It's for quickly preparing a similar farmer to another without having to edit completely.

ERASE

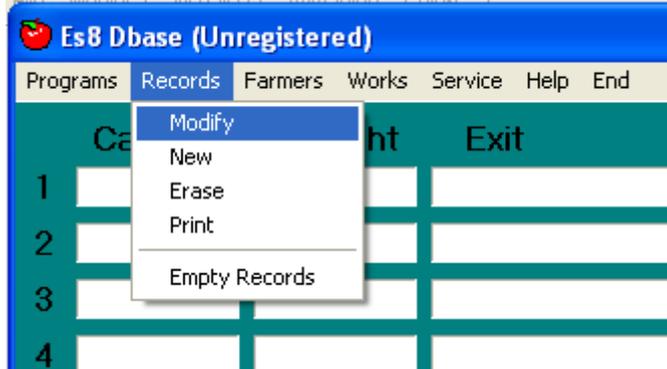
To remove farmer no more used or incorrect. We recommend you do this always and only before the start of a campaign.

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RECORDS

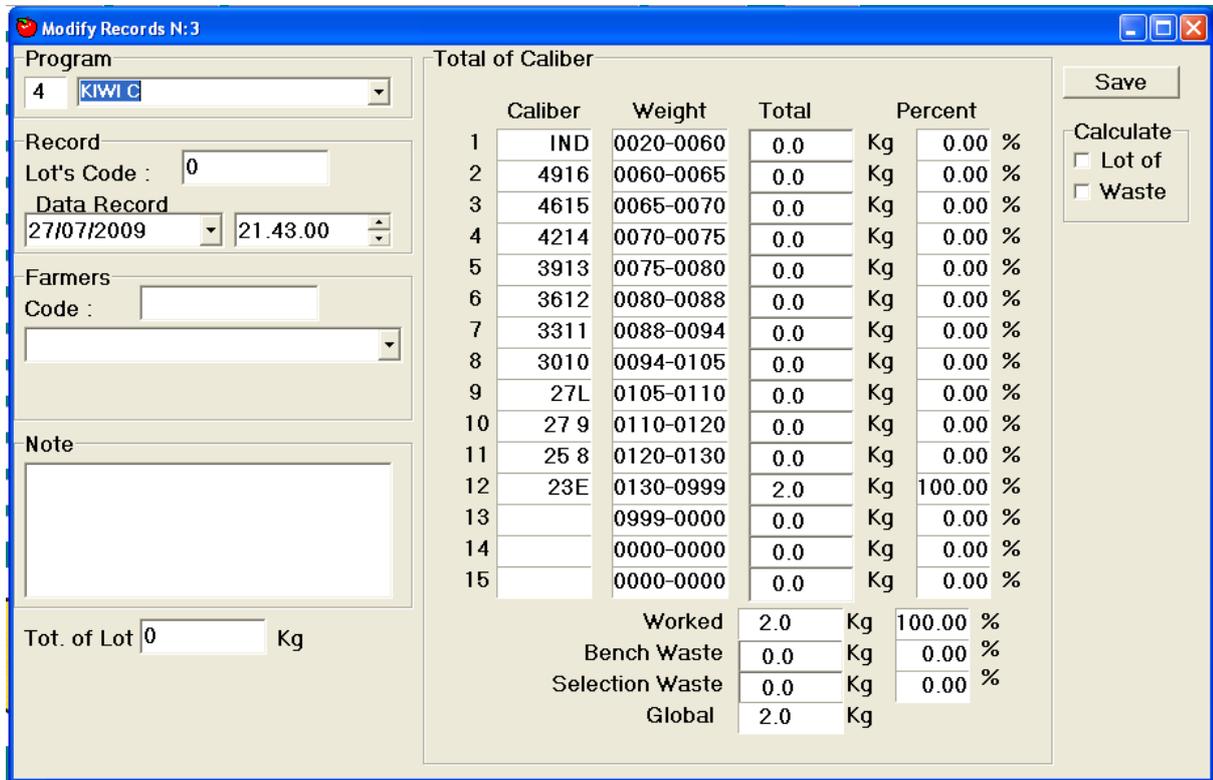
Even this Sub-Menu maintains an archive. One that records all the data of samples.

All the sample of the sorting (the total of the weight of the caliber) will be store in a database that can be managed from this menu.



MODIFY

Again, the selection of the record is at a window where each record has a line in the most important data related to processing performed.



Thus we can see the number of sequential recording (number of record), date and time of "End Processing, the number of program used, the Code of the Lot , and Code Description Farmer. (these last 3 from the "Data").

For our example, select by clicking one record.

We recommend you drag the mouse value to make it blue so that when you start typing in the old values are erased and replaced.

The program with a standard-weight (but who has the same number of caliber).

Number and data of Record The data presented in the small monthly calendar so that it is very easy to any change. The field is 6 digits.

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The farmer The code and description of the producer. The manufacturer code is 4 characters and the description is 20 characters.

- **Notes** A comment line to 30 characters

Total of Lot This box can be used in combination with the recalculation of the box to restore the distribution and sizes to the total quantity. The computer will recalculate the totals based on percentages. You will use this option during sampling or if it lost a part of the process due to blackouts of computer desktop. Max 8 digits.

Caliber Division Even these can be changed. You will see that at every change, the screen returns the updated data also in percentages. Remember that if you change these values and then save and exit, the original value will be lost and replaced with the current values. The limit of these values is 2000000.

Waste There are two types of waste that can be automatically detected by an appropriate balance (optional) or a keyboard entered successively after weighing manual. The first "Bench Waste" shall be deemed from banks packaging and therefore already weighed. Will deduct the distribution caliber according to the percentages so that the total remains unchanged. The second "Selection Waste", shall be deemed performed in the vicinity of the selection Bnch and not weighed. This will be added by hand to increase the global weight.

Calculate This section contains the checkboxes which cause the upgrade of the distribution caliber. The original data are always stored in the archive. Moreover, the function does not work if the field is zero. When you activate the function, all the column sizes of the total is painted with background yellow.

Note : The recall of a record whose fields of Total Lot and / or waste are already compiled, automatically flags of the recalculation and it is necessary to disable them to see the original values.

WORK

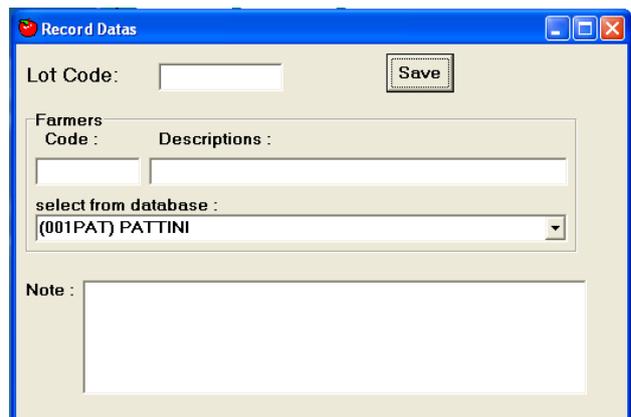
This button opens a drop down with all procedures related to processing.



Record Datas

Is the procedure that allows the compilation and / or modification of data processing in progress. As written here, will be recorded in the Database at the time of the "End processing".

It refers to the previous chapter regarding the type and purpose of this information.

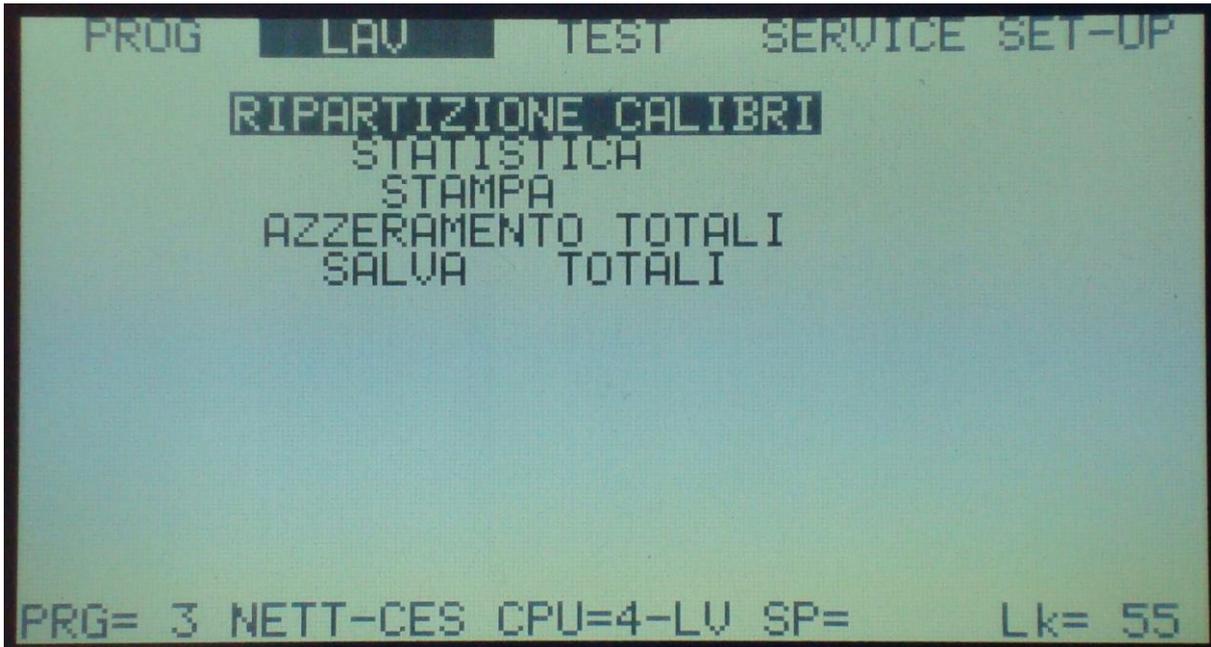


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PROCEDURE to Grab DATA from T27XX series.

Is the procedure that allows the transmission of the total from the Sorter T27MS series, when the customer have finished to Sort fruit and want the total of all the caliber.

On the Sorter T27MS series, go in the "LAV" menu and select the "STAMPA". Then it will be sent throught serial cable all the data to the computer, where the software ES8Dbase must be running and connected with the cable. At the End of transmission you will look increase the number in the second slot of the Status Bar, it signify we have received a new Record, that you will also see on the desktop.



SERVICE

The button "Service" offers one sub-menu with different functions.

It contains functions to set (SET-UP) and is generally reserved for the personnel involved.



SET-UP

This button opens a drop-down menu that contains the setup functions "SET-UP" of the software.

Sorter

This window contain only the selection of the serial port of communication to the sorter T27MS series. And



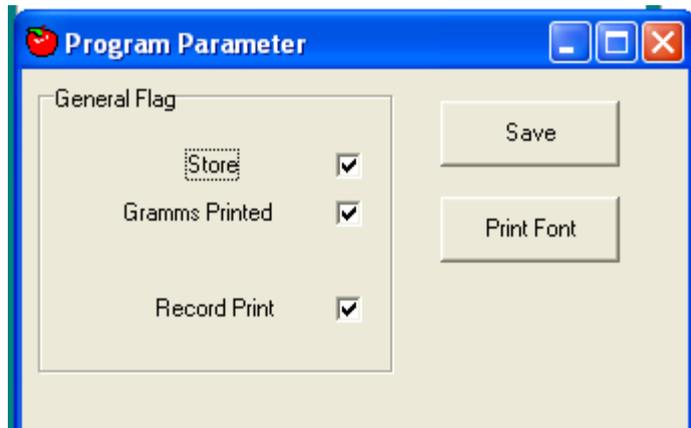
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that is why they are accessed through a double confirmation and a code that the default is "0".

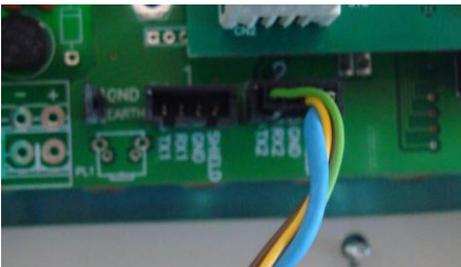
Program

This drop-down menu shows the flag of the management of results.

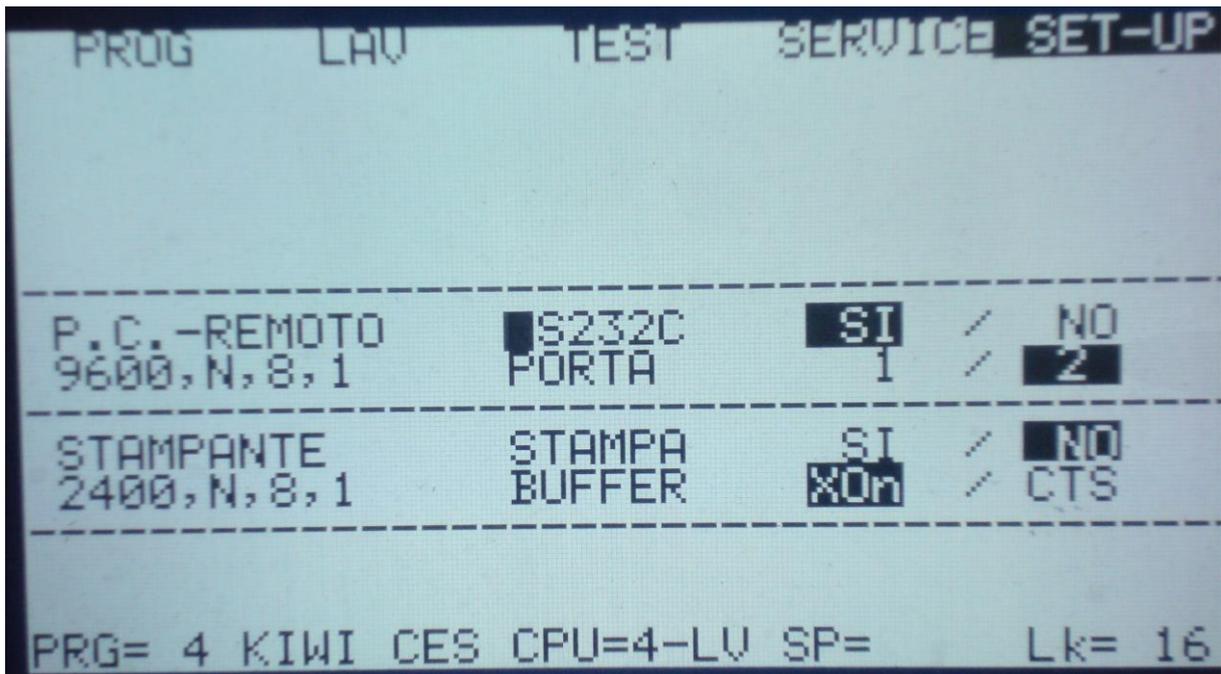
- **Store.** It's connected to the automatic store procedure, when it receive the data from the sorter, it record the total in the database.
- **Print Grams.** Enable the print of grams on the printed record.
- **Print Record.** This is the Automatic print of the record at the moment of grab.



To receive the data from the Sorter T27MS you have to connect the Cable to the connector



And made the setting below:

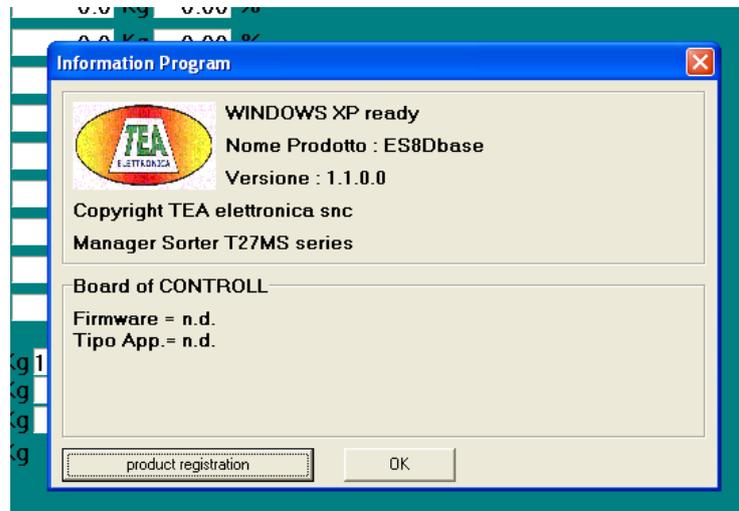
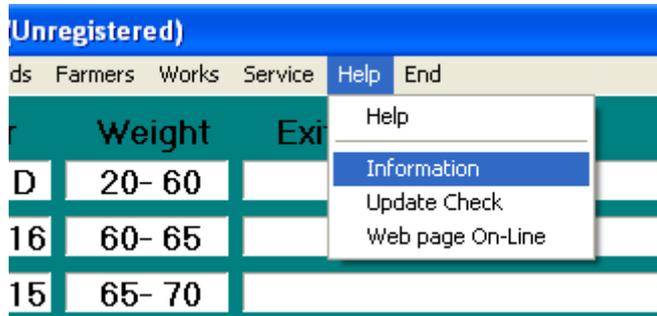


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HELP

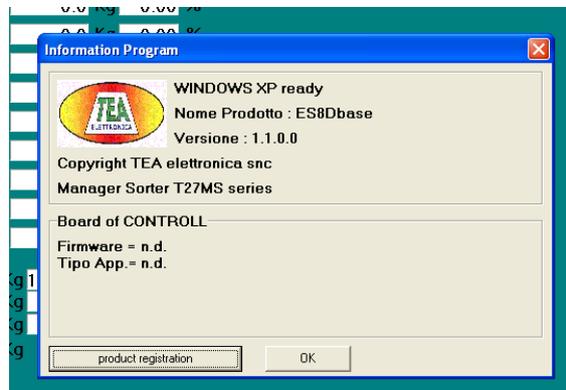
Is a drop-down menu containing four items.

- **Help**
This button opens the program of the electronic manual.
- **Informations**
This button opens the window that contains the software version. It have also the Registration of the product, necessary to unlock all features of the program.
- **Update Check**
This button close this program, than start the Update program that verify if there is an update package to be downloaded and applied.
- **Web page On-Line**
This button opens the default Browser with the Internet Page of our Site of this software.



Registration of Software

From this menu you have to click on the Registration button, where you enter in a Registration window like the figure below.

A screenshot of the 'Product Registration' dialog box. It contains several input fields: 'Client Name', 'Client Address', 'Country', 'Tel. number', 'Fax number', and 'Client Email'. Below these are 'Serial Code' (with the value '48C-8D-207') and 'Registration Code'. At the bottom, there are buttons for 'Es8Dbase.Txt', 'Print', and 'Register'.

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Fill in all the Data field, with your Business name, address, country, telephone and Fax number complete of Country prefix, Email address. Print the form and send to the Fax number 0039 0547 1901630 or Click on “Es8Dbase.txt” button to store all data in the files “ES8Dbase.Txt” in the main directory <c:\>. Send this files to internet Email address sales@teaelettronica.eu. To unlock the software you have to pay the Fees of the program. Ask to your Dealer in your country or the provider of the Sorter T27MS.

NOTE