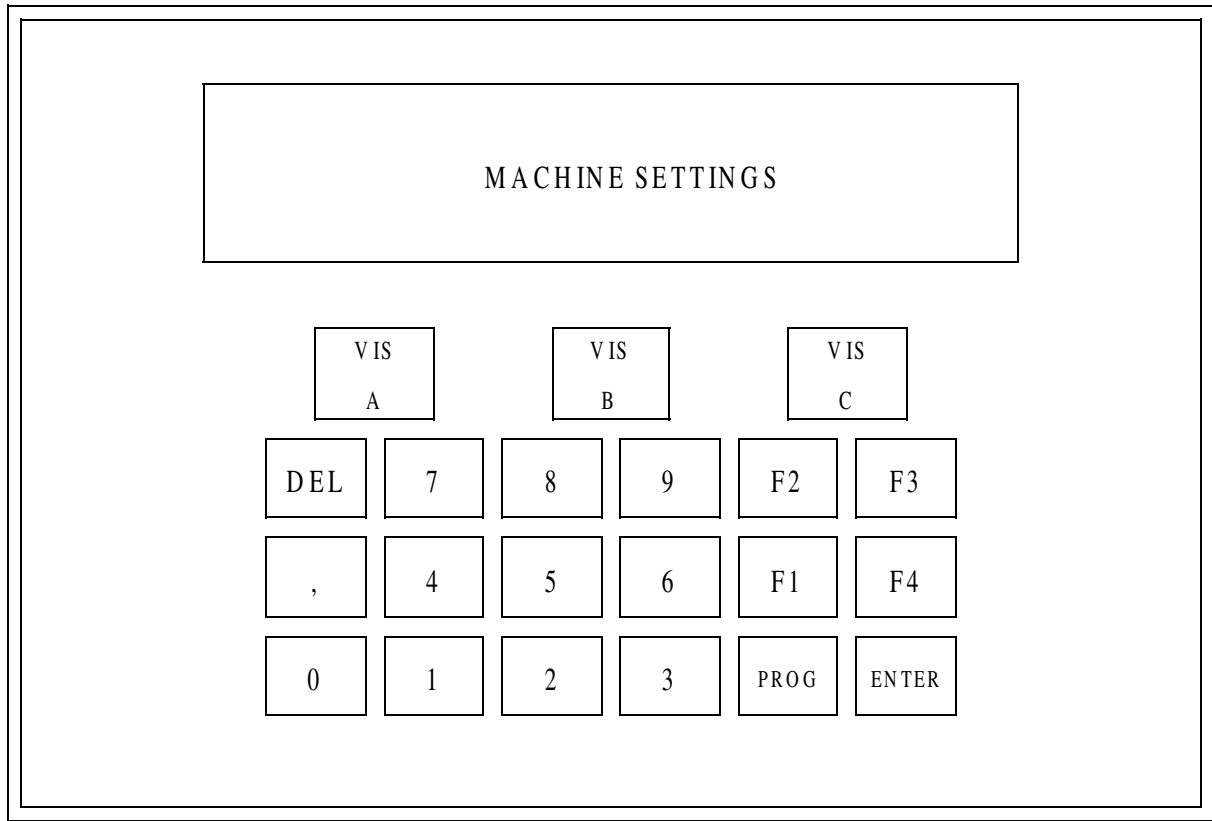


## PROGRAMMING WHEN SETTING ON



When setting on the device for the first time, or fully resetting, the display shows as above and it is possible to introduce the data relating to the machine (and the number of the batch under process).

The device contains already the standard datas previously used.

**IF UNNECESSARY ALL THIS PROGRAMMING PART MAY BE BYPASSED AND YOU MAY INSERT IMMEDIATELY THE WORK DATA (which are 3 only) :**

- QUANTITY OF MATERIAL TO BE WEIGHED,
- PART OF DROP TO FEED SLOWLY (RAMP),
- WEIGHT COMPENSATION OF FLOATING MATERIAL;

then press the green key PROG., and the drawing indicated at page n.2 is shown.

If it is necessary to modify some parameters of the machine please refer to page n.3.

## DATE AND HOUR MODIFICATION

At any time press the key 0 (zero) and the date and hour is displayed; to return to previous display press the key ENTER.

To modify the date and hour please proceed as follows :

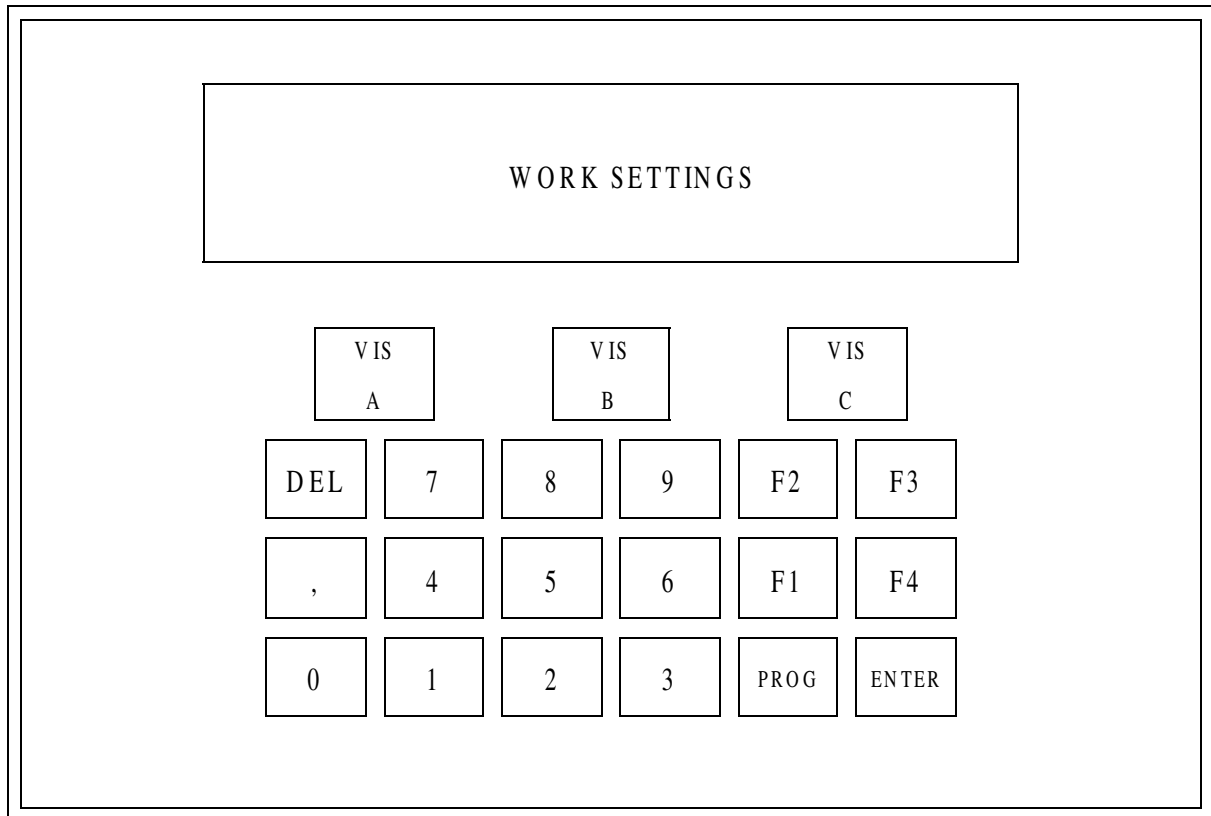
Press the key zero and then the key DEL (delete).

The following will be displayed :

DD/MM/YY hh:mm”

Type sequentially the day, the month, the year, the hour and the minutes and then press ENTER twice.

### PROGRAMMING OF WORK DATAS



### OPERATIONS FOR SETTING HOURLY CAPACITY AND BATCH

Press the key: PROG, and, when “WORK SETTINGS” is displayed proceed as follows :

PRESS :

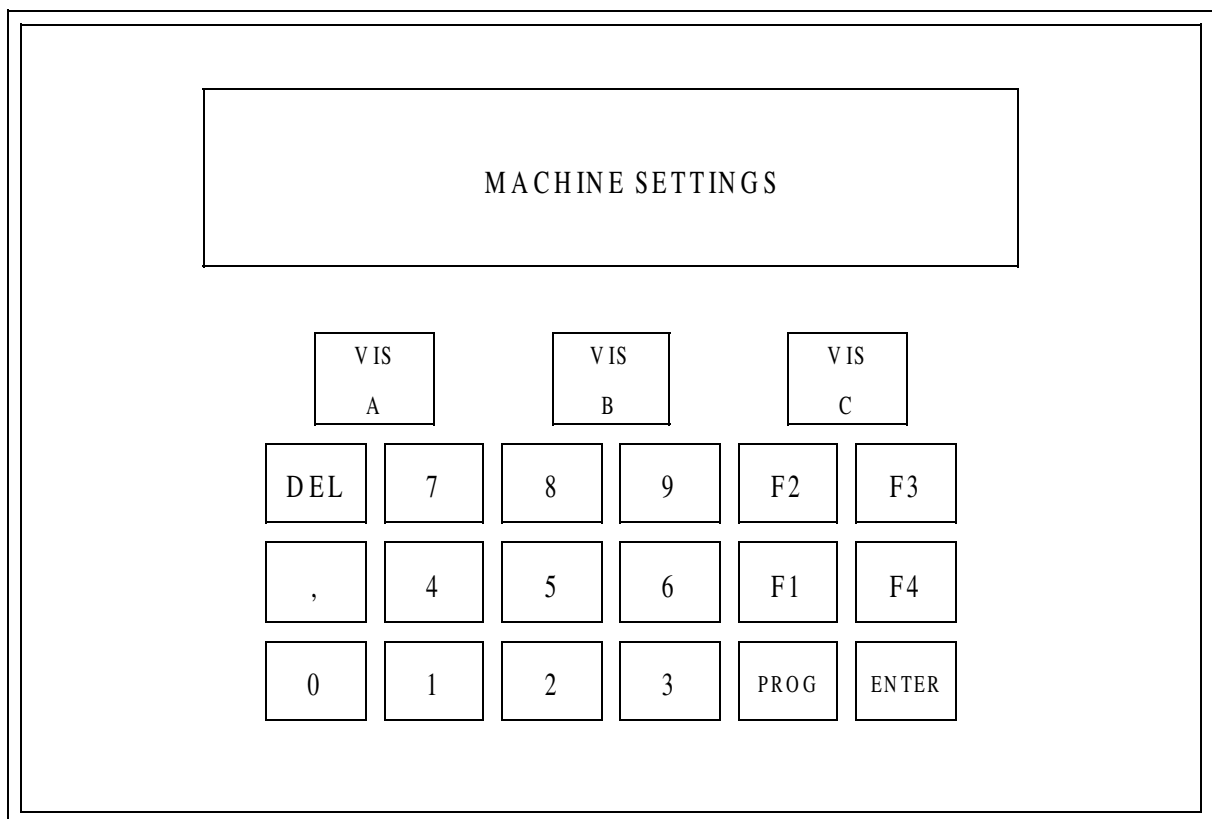
- KEY 1 (Drop weight in grams)  
With “Dose= gr x” input the requested drop value, then press ENTER
- KEY 2 (Ramp value)  
With “Ramp Start=% 60” input the time percentage (compared with 100% of total drop) when the spiked lattice has to slow down, then press ENTER.
- KEY 3 (Minus compensation )

With “Comp-= gr x” input the grams of floating materials to be compensated, which will anticipate the feeding stop , then press ENTER.

**KEY 4** (Plus compensation )  
 With “Comp+= gr x” input the value in grams for the ventilation compensation, which will delay the feeding stop, then press ENTER

**KEY 5** (Number of batch under process)  
 With “LOT No.= xxxxxx” input a number (from 1 to 6 figures), then press ENTER. (N.B. when changing batch it is necessary to press F1, then ENTER). If the batch number is modified, the production datas (in Kg.) remain in memory.

PROGRAMMING OF MACHINE DATAS



OPERATIONS FOR SETTING MACHINE PARAMETERS

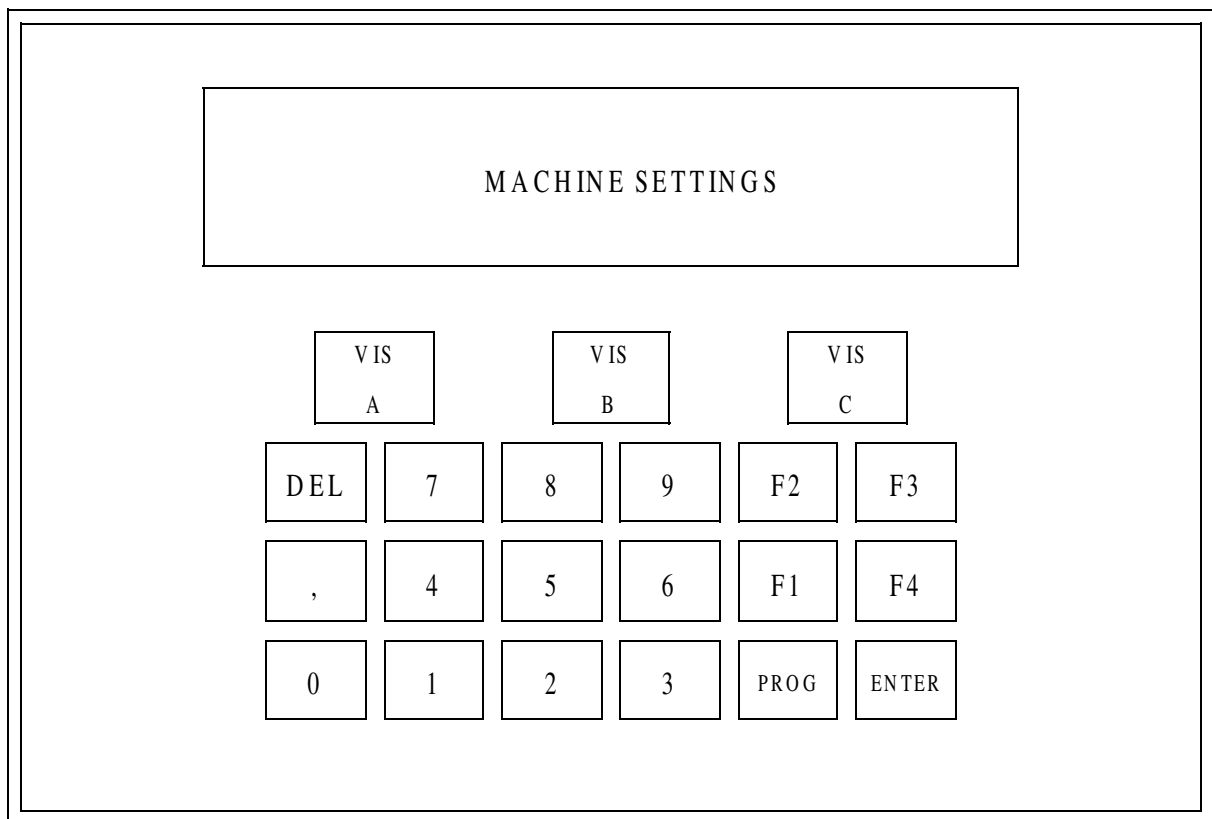
Press the keys: PROG. then 9 ( “MACHINE DATAS ” is displayed)

**KEY 1 (Id. number of the carding machine on which the hopper feeder is installed)**

**KEY 2 (Delay for pan stabilization in order to ascertain the tare - drop beginning)**  
 the standard value is 3 seconds;

- KEY 3 (Delay for pan stabilization in order to know the actual material weight - drop end)**  
 the standard value is 3 seconds;
- KEY 4 (Accepted tolerance range compared with requested weight)**  
 the standard value is 5%, if the weight is outside this range, an acoustic alarm warns.
- KEY 5 (Printer setting)**  
 - Press ENTER when the display's cursor is on n°1 cp : each drop will be printed.  
 - If the cursor is on n° 2 oe the printer will only print the drops OUT OF TOLERANCE or the FALSE WEIGHTS.  
 - If the cursor is on n° 3 the printer is switched off.
- KEY 6 (Filter type)**  
 permits to change the average reference weight value of the loading cells
- KEY 7 (Minimum speed of the spiked lattice - in percent)**  
 the standard value is 10%

PROGRAMMING OF MACHINE DATA  
 (follows)



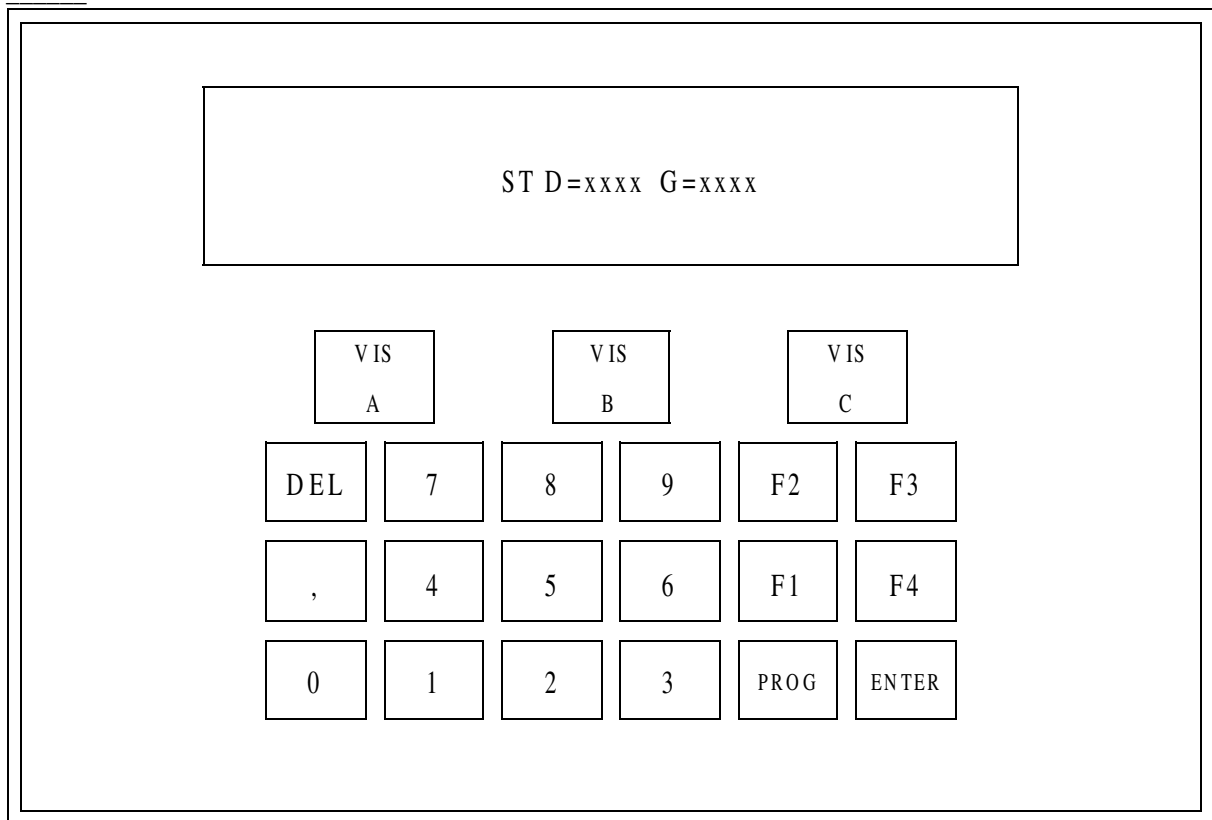
- KEY 0 (Number of drops after which the report is printed)**

the standard value is 50, but after machine commissioning it is necessary to change to 999.

KEY , (Comma) (**allows to set a standard value of tolerance for the tara obtained at each drop**). This permits to point out any possible disfunction of the pan , or any tara outside accepted limits.

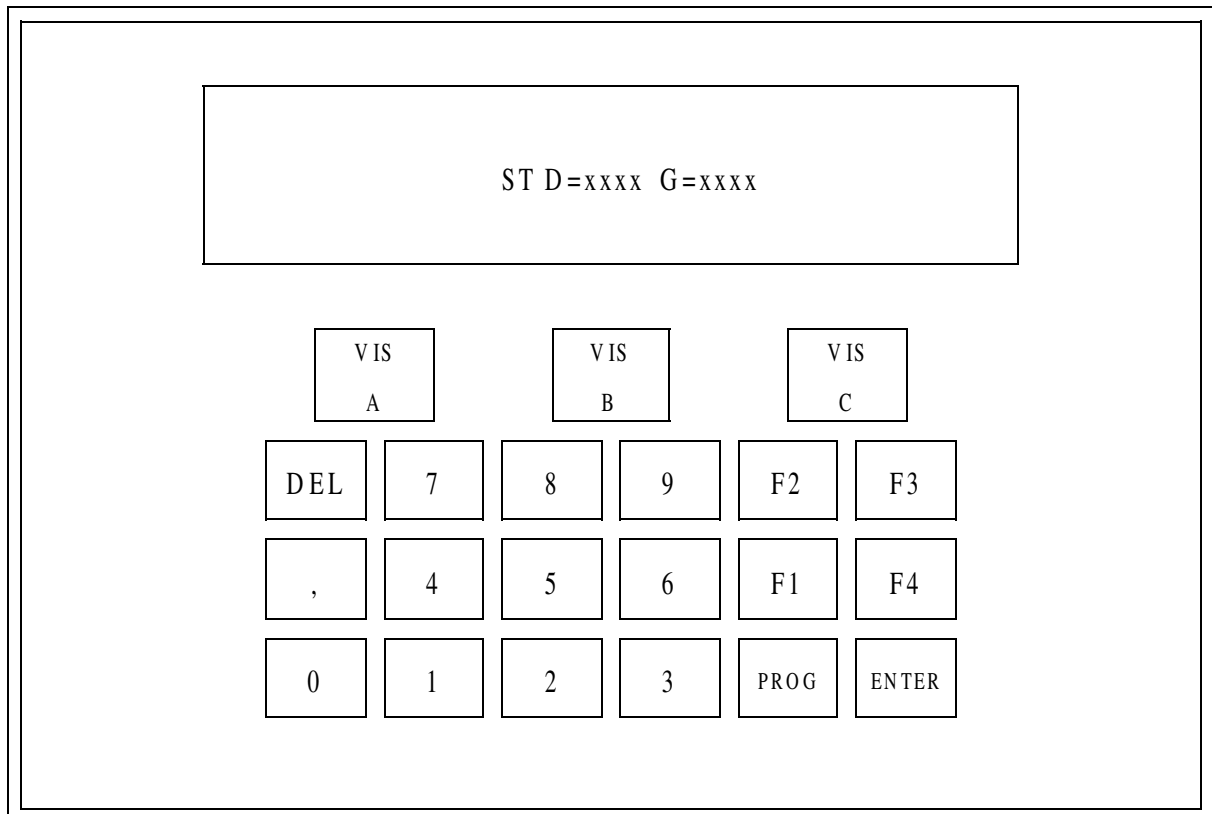
DISPLAYS

KEY \*VIS.A\*



Pressing the key Vis.A the above will be displayed.

KEY \*1\*



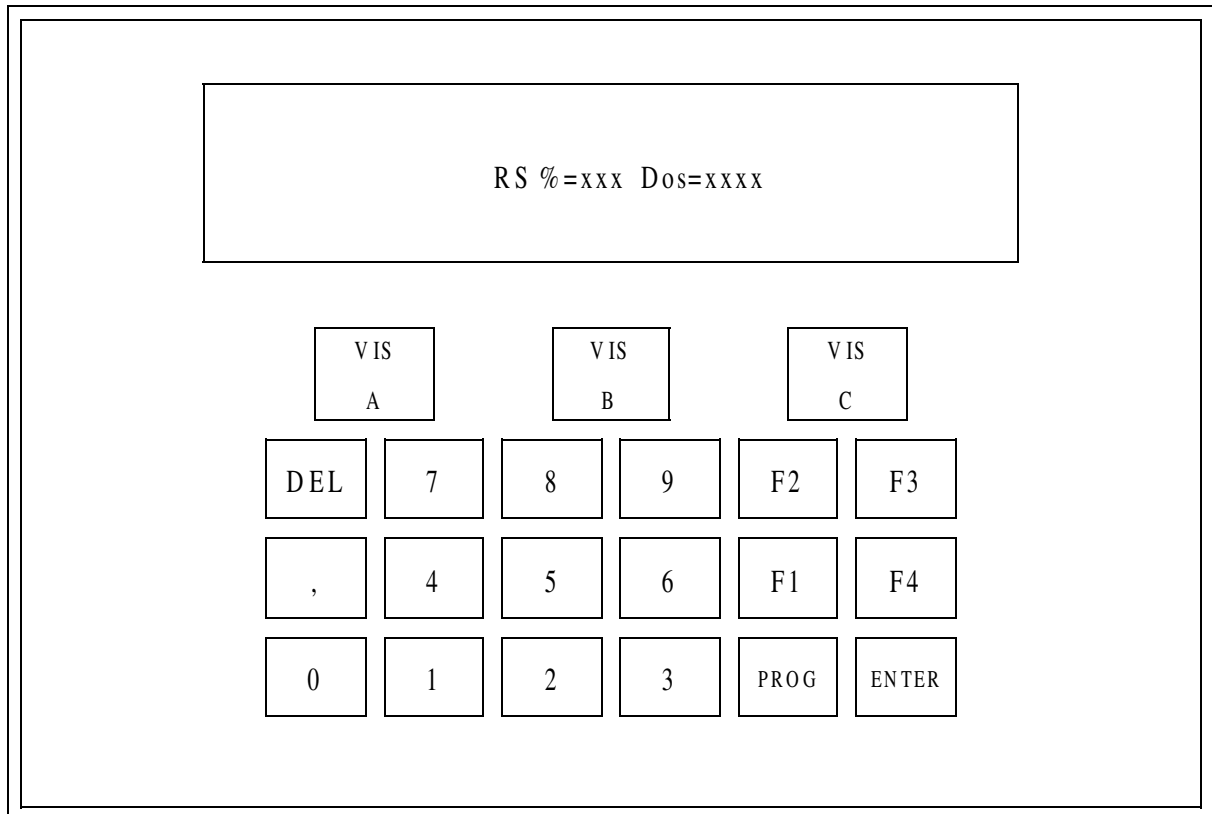
Pressing the key 1 the same display as above is shown.

The first two characters on the l.h.s. indicate the hopper feeder working condition: ST = stop.  
 If the hopper feeder is working, two characters appear, ranged between 99 and 0 which represent the speed percentage of the spiked lattice,

D=xxxx indicates preset drop weight, in gr.

G=xxxx indicates the actual material weight in the pan, in gr.

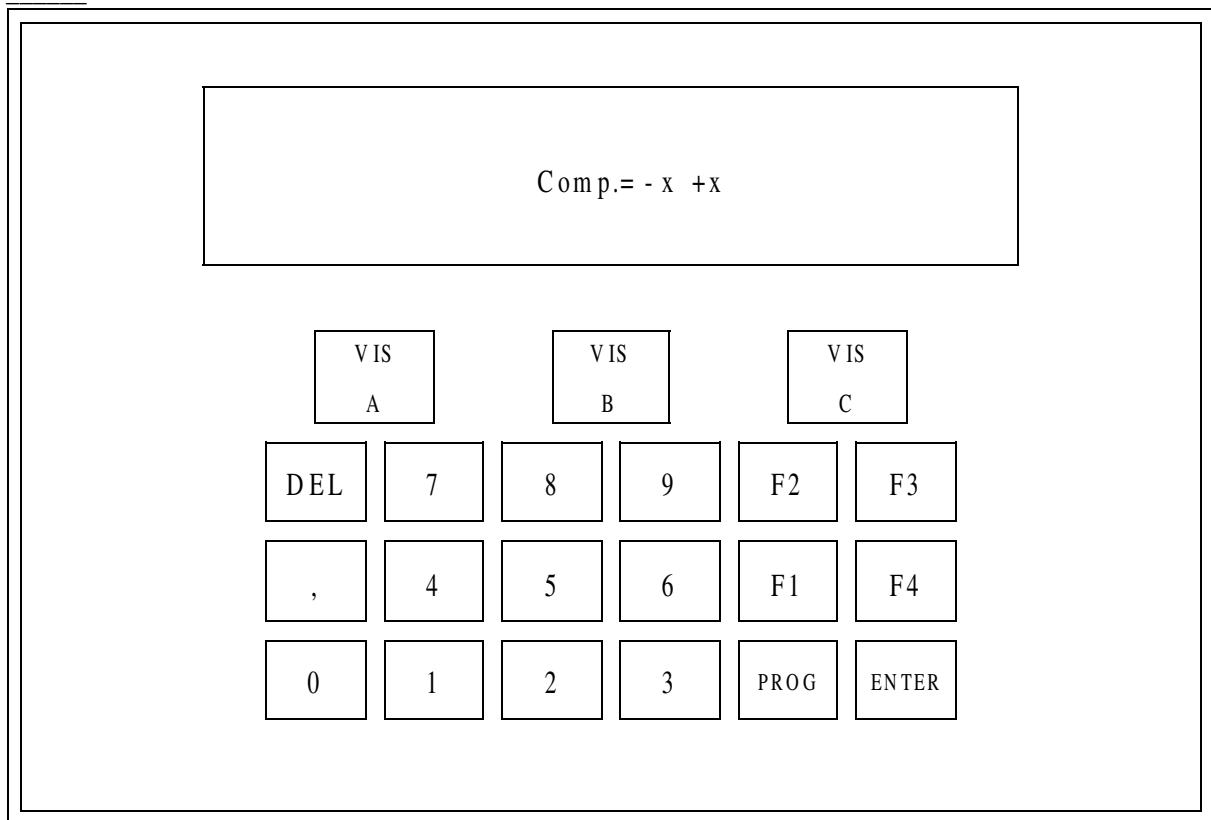
KEY 2



Pressing the key 2 and the following is displayed :

- Percentage of drop value after which the spiked lattice speed will slow down
- Set drop value in grams.

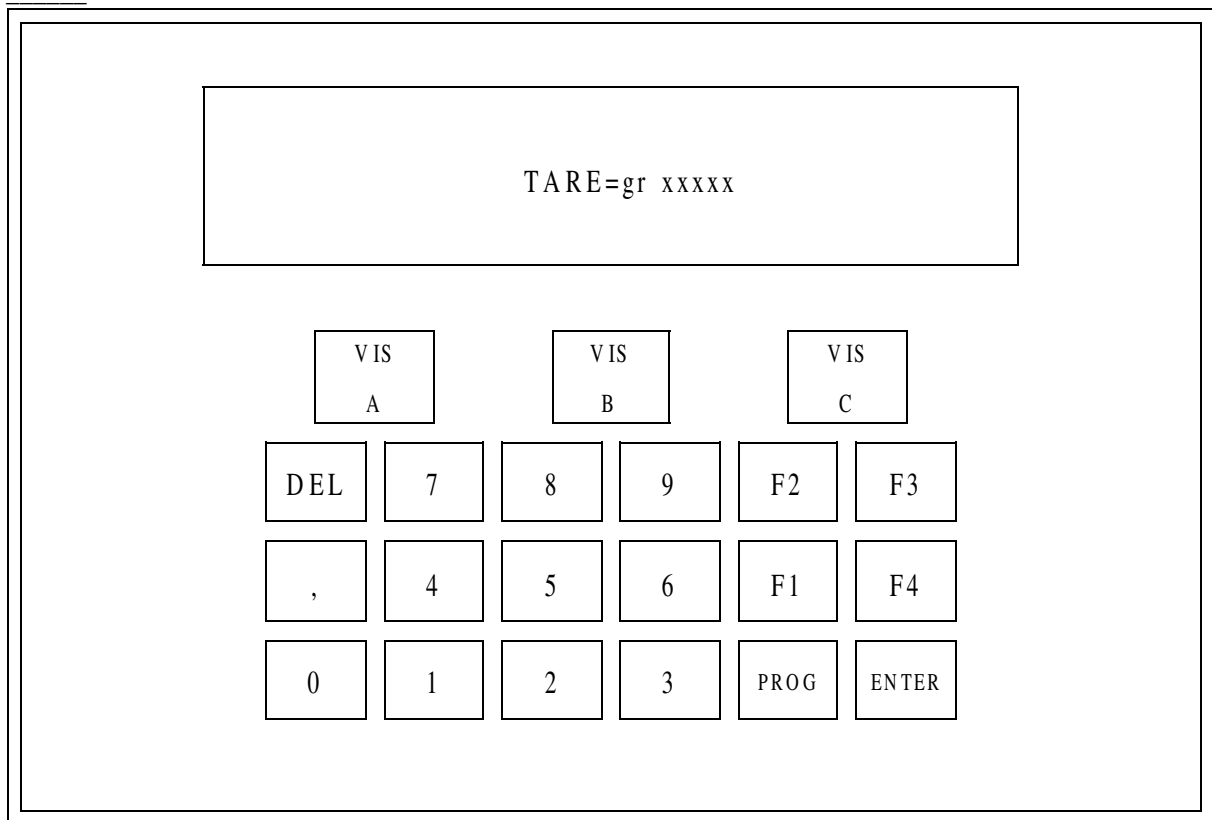
KEY 3



Press the key 3 and the following is displayed :  
Positive and negative compensations in grams with respect of set drop.

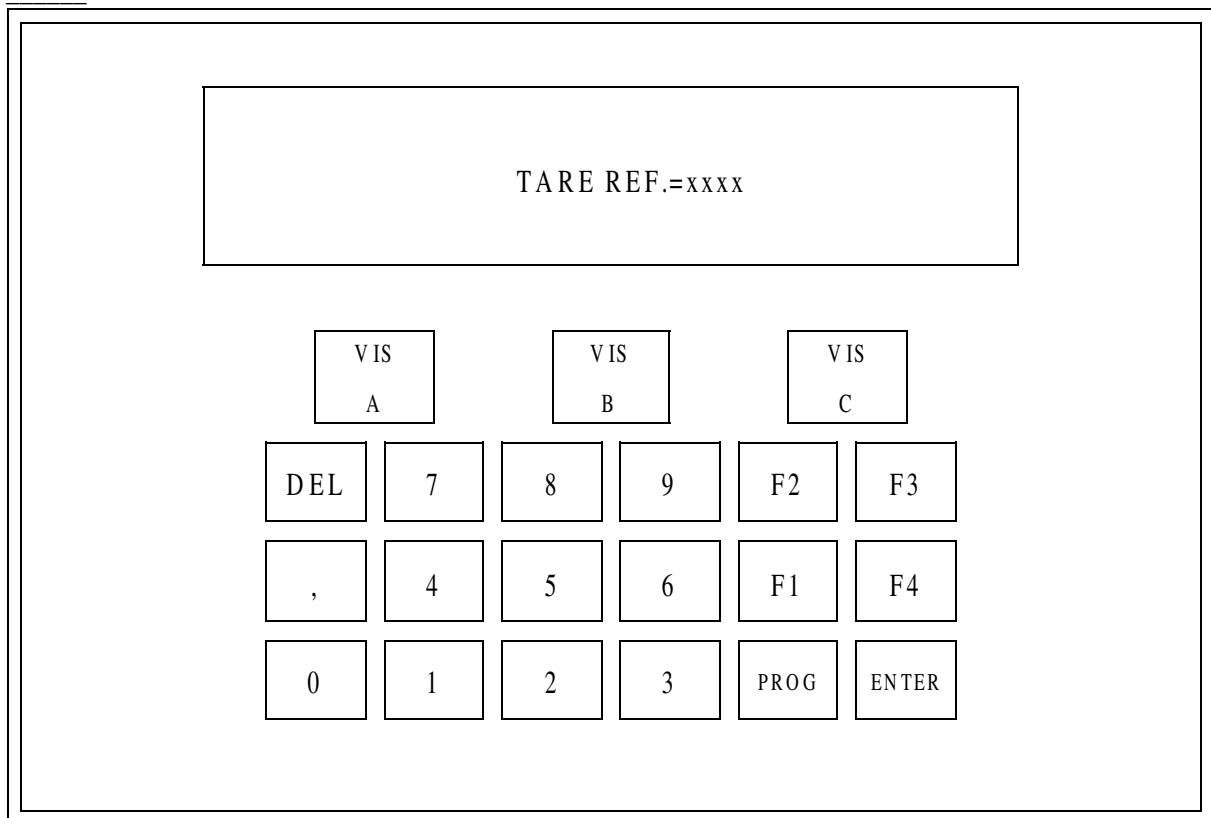
KEY 4





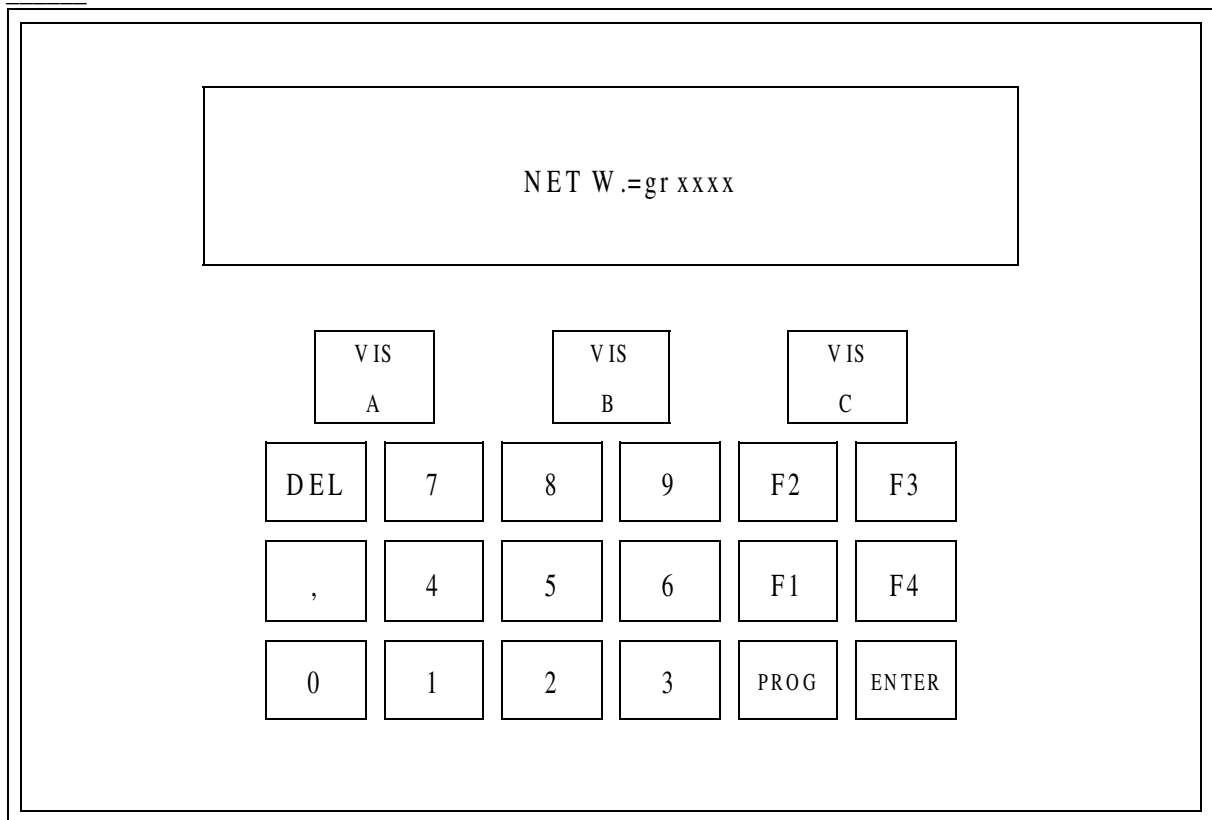
Press the key 4 and the following is displayed :  
Tara registered at the beginning of the last drop

KEY 5



Press the key 5 and the following is displayed :  
Tara measured when the apparatus has been switched on (in grams).

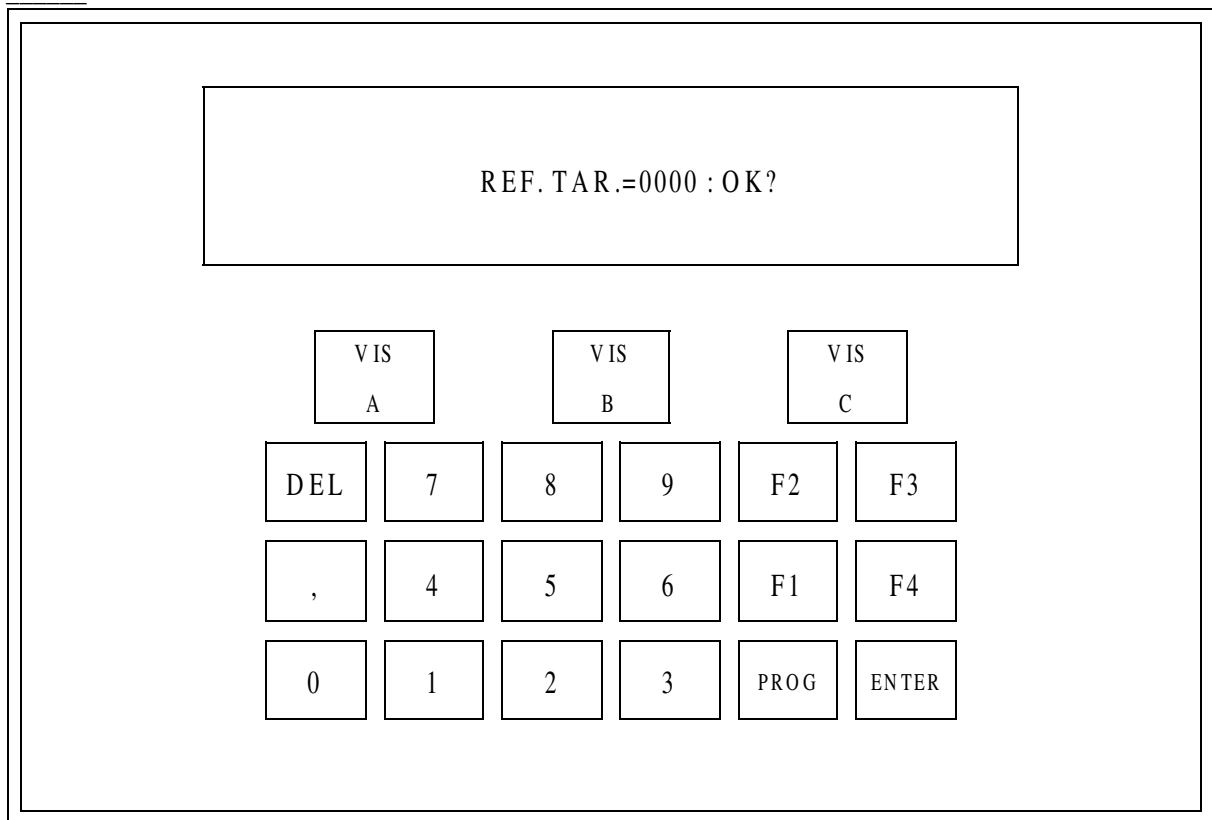
KEY 6



Press the key 6 and the net weight, compared with the last measured tara, will be displayed.

N.B. The keys 7 and 8 do not have any use.

KEY 9

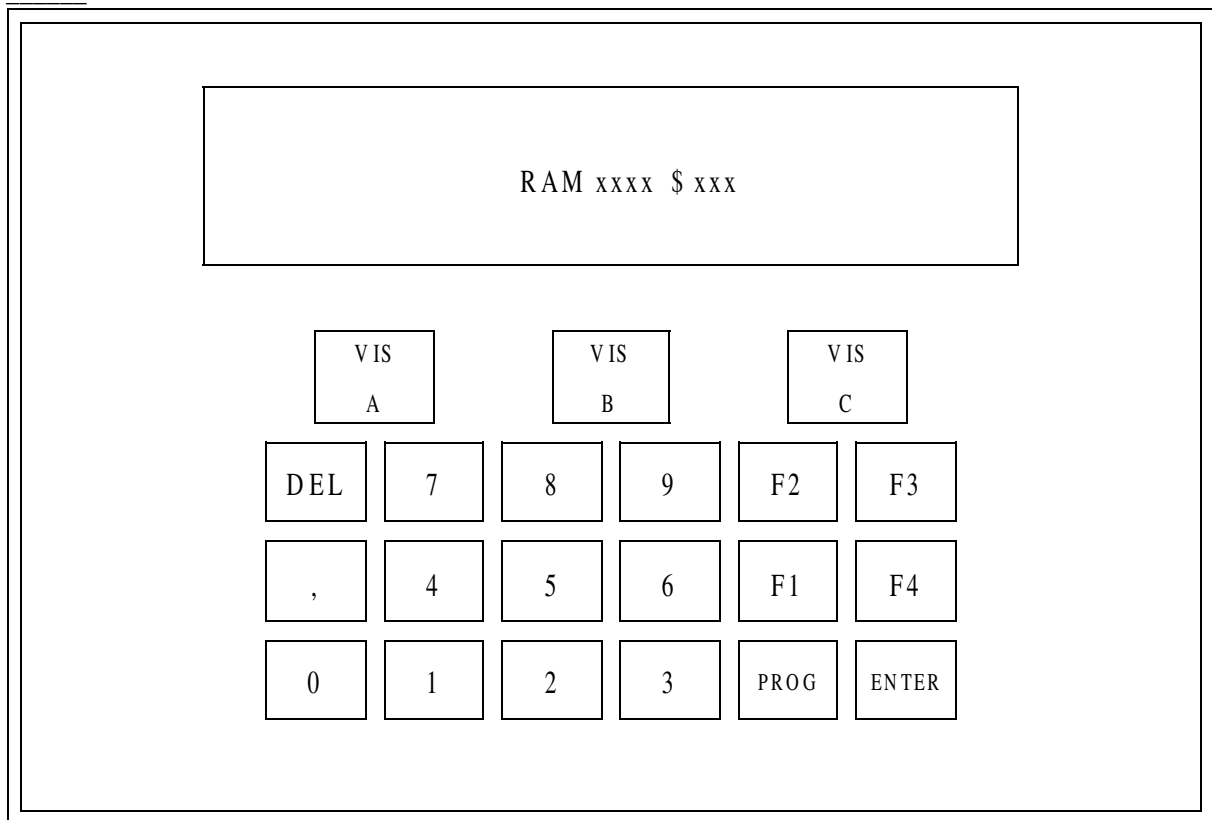


Press the key no. 9 and the display will be as above.

Press ENTER to obtain the tara value preset. This value is a reference compared with every measured tara, as comparison. We advise to avoid repeating this function to avoid any inadvertent mistake.

When the referenced tara is 0000, the apparatus utilize the standard value that is settable with the “,” (comma) key (the standard value is 200 grams, plus or minus).

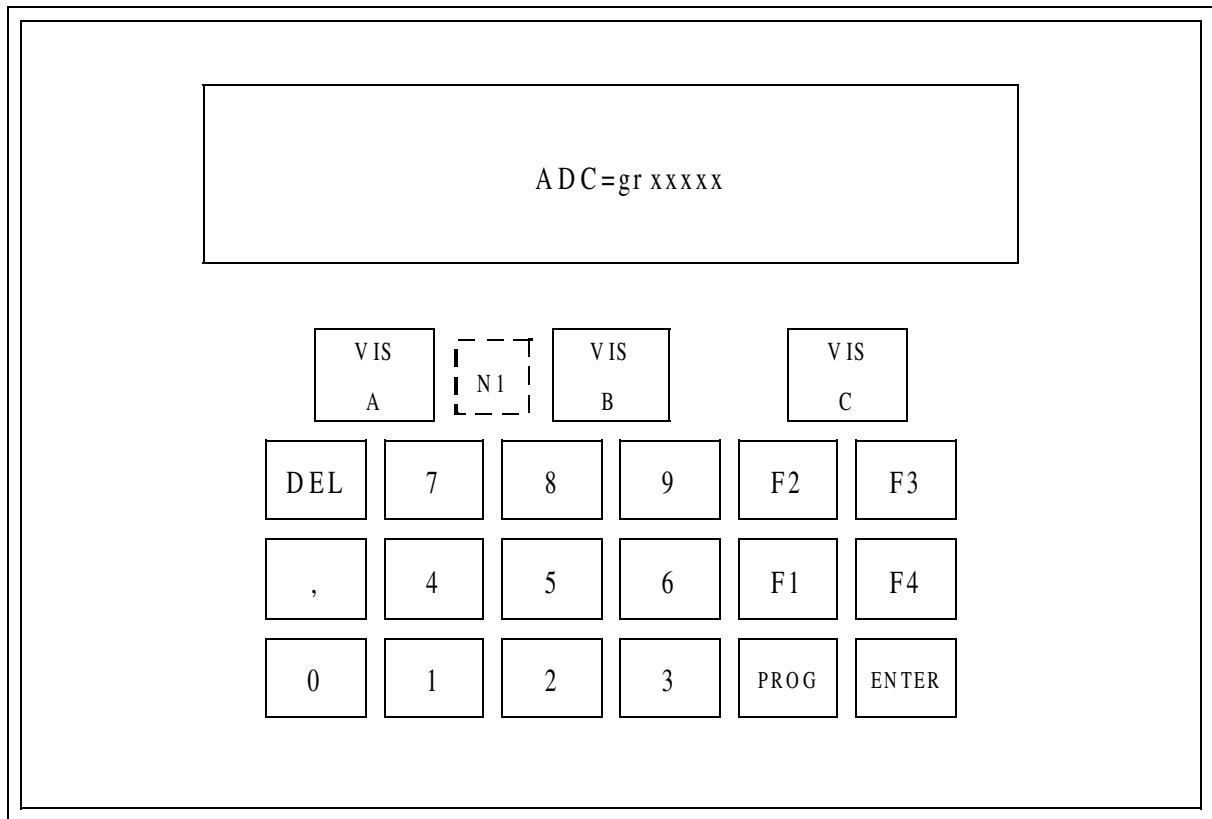
KEY “,” (comma)



Press the key “,” (comma) and screen will show the remaining space in memory and the display reset (blinking).  
This is a display for maintenance engineers.

**SPECIAL KEYS (For maintenance engineers)**  
 N.B. The key N.1 is active under display process only.

## KEY N1

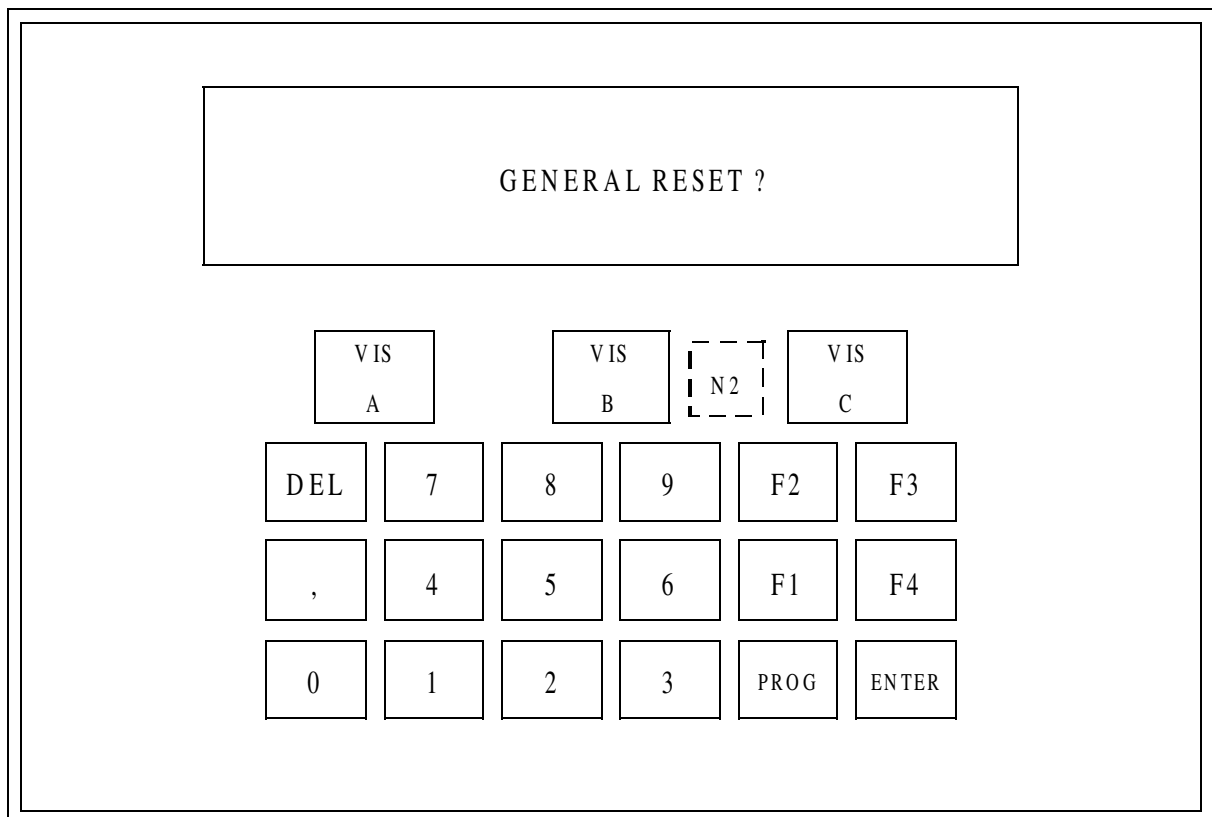


Pressing the unapparent key between Vis A and Vis B (key N.1), and you will obtain the above display.

This is showing the gram weight value measured directly by the loading cells. It is used during the machine setting.

To change display, press any numerical key.

## KEY N2



Press the key PROG. and then the unapparent key between Vis.B and Vis.C (key N.2) : the GENERAL RESET sequence starts :

After a general reset all user's data are cancelled and the standard values preset by the maker are integrated again.

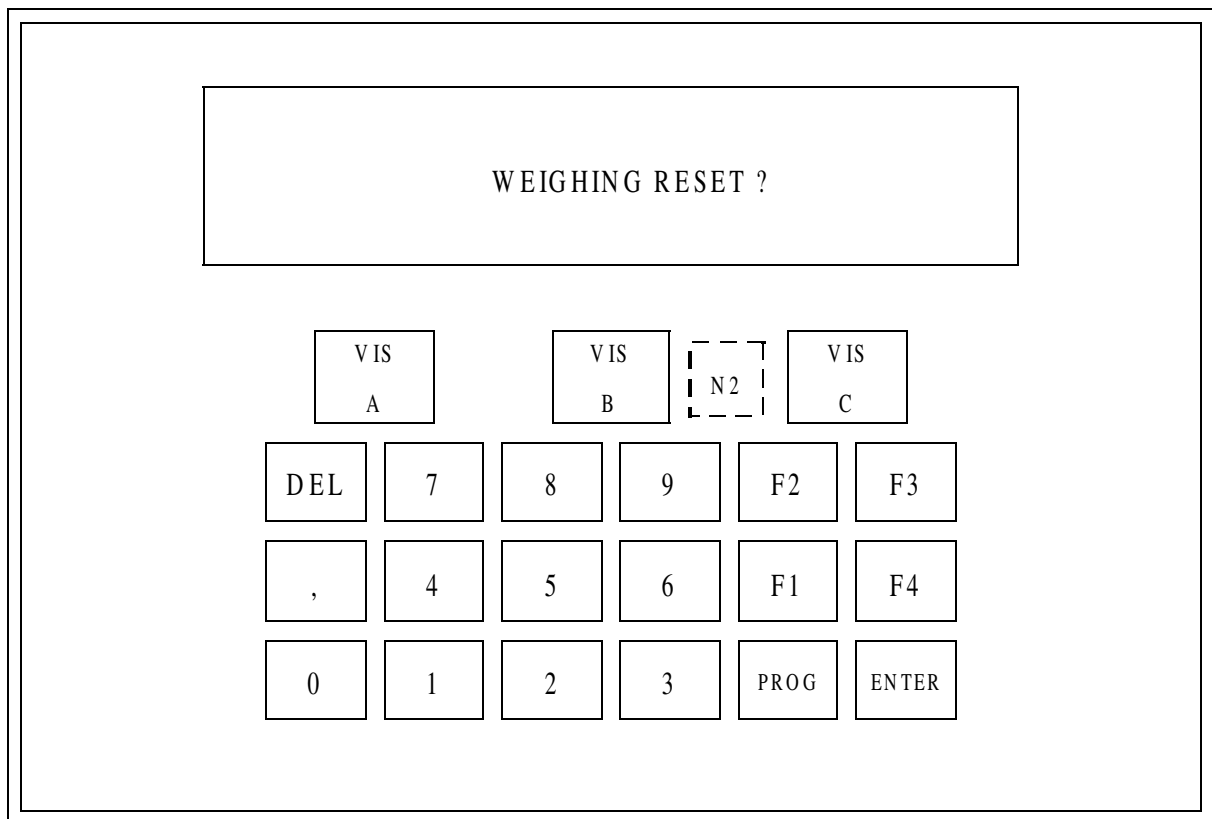
The sequence of reset is as follows :

- 1) Press the key PROG,
- 2) Press the key N2,
- 3) Press the key ENTER,
- 4) Press the key 0,
- 5) Press the key DEL,

The initial "MACHINE SETTINGS" appear and setting should restart as explained from page N. 1.

**Under DISPLAY PROCESS**

KEY N2



Pressing the unappearent key between Vis.B and Vis.C (KEY N2), then pressing ENTER, you stop the drop in course.