

**FABRICANTES DE BASCULAS TORREY
S.A. DE C.V.**



ELECTRONIC SCALE


MFO SERIES

OWNER'S MANUAL


REVISION: 1.0

IMPORTANT:
BEFORE OPERATING THIS SCALE, PLEASE READ THIS MANUAL THOROUGHLY.


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WARNING
!!DO NOT OPEN !!
RISK OF SHORT CIRCUIT



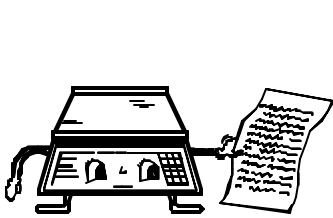
CAUTION: TO REDUCE THE RISK OF SHORT CIRCUIT IN YOUR SCALE, DO NOT REMOVE THE COVER OR SUBSTITUTE ANY OF THE PARTS FOR OTHERS THAT ARE NOT ORIGINAL. ONLY AUTHORIZED DISTRIBUTOR



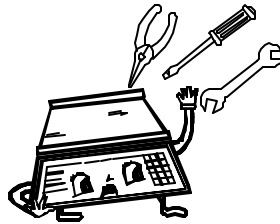
IMPORTANT NOTE

THIS SCALE MEETS THE REQUIERMENTS ESTABLISHED BY THE MEXICAN (NOM-10-1993-SCFI) AND INTERNATIONAL (NTEP) REGULATION. MAKING ANY CHANGE OR MODIFICATION TO THE ORIGINAL PARTS OR COMPONENTS WILL CAUSE THE NON-COMPLIANCE OF THE REGULATIONS MENTIONED BEFORE, RESULTING THE INMEDIATLY ANNULMENT OF THE WARRANTY.

I. IMPORTANT WARNINGS



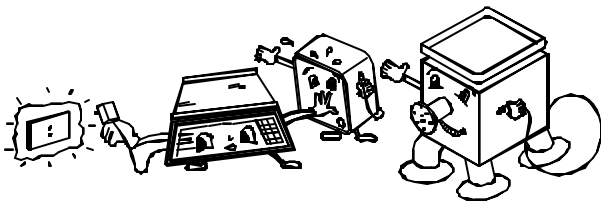
1.- IN CASE YOU HAVE A PROBLEM WITH THE SCALE, FIRST READ THE THE WARRANTY CONDITIONS.



2.- DO NOT OPEN THE SCALE ON YOUR OWN. YOUR WARRANTY WILL WITH OBJECTS SUCH AS PENCILS, PENS,KNIVES,ETC.



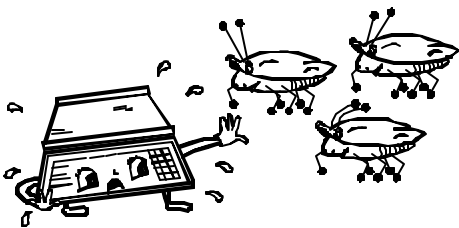
3.-"NEVER" PRESS THE KEYBOARD



4.- USE A 120 V AC OUTLET EXCLUSIVE FOR THE SCALE AVOIDING OVERLOAD OR VOLTAGE VARIATIONS.



5.- "NEVER" WASH THE SCALE USING A FLOW OF WATER .THIS CAN DAMAGE THE ELECTRONIC COMPONENTS. FOR MORE INFORMATION READ "MAINTENANCE AND CLEANING" SECTION.



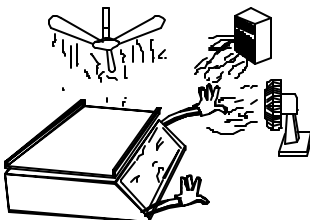
6.- PROTECT THE SCALE FROM INSECTS (MAINLY FROM ROACHES) THEY CAN SERIOUSLY DAMAGE THE ELECTRONIC COMPONENTS. USE SOLID PRODUCTS AGAINST ROACHES.



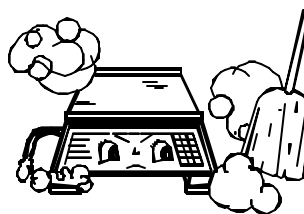
7.- DO NOT DROP OR HIT THE SCALE WITH THE PRODUCT TO BE WEIGHTED BECAUSE AS TIME GOES BY IT WILL DAMAGE THE WEIGHT SENSOR.



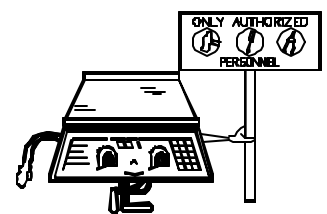
8.- DO NOT USE SOLVENTS OR DETERGENTS FOR CLEANING ONLY USE A DAMP RAG.



9.- DO NOT PLACE FANS OR HEATERS DIRECTED TOWARDS THE SCALE.



10.- DO NOT PLACE THE SCALE WHERE THERE IS A LOT OF MOISTURE AND/OR DUST.



11.- ONLY AUTHORIZED AND QUALIFIED PERSONNEL SHOULD CHECK AND REPAIR YOUR SCALE.

II. INTRODUCTION

DEAR CUSTOMER:

WE APPRECIATE THAT YOU HAVE CHOSEN THIS PRODUCT AND WE ASSURE YOU THAT YOU WILL GET THE MAXIMUM SATISFACTION OF THE NEW ACQUISITION FOR YOUR BUSINESS. THE SCALE HAS BEEN DESIGNED TO GIVE YOU A GREAT DEAL SAVING TIME AND MONEY, AVOIDING LOSSES BY HUMAN MISTAKES OF INTERPRETATION AND CALCULATION, OFFERING YOU MORE FLUENCY AND SECURITY IN YOUR COMMERCIAL TASKS.

TO MAKE YOUR EQUIPMENT A LONG LASTING INVESTMENT, WE SUGGEST TO READ CAREFULLY THIS MANUAL AND MAKE SURE TO KEEP IT AT HAND FOR LATER CONSULTATIONS. IN THIS MANUAL WE INDICATE THE NECESSARY STEPS TO BENEFIT AND PROLONG YOUR APPLIANCE'S AVAILABILITY.

III. INSTALLATION INSTRUCTIONS

1.- UNPACK THE SCALE AND CHECK THE CONDITIONS OF THE PRODUCT. IF IT IS DAMAGED REPORT IT IMMEDIATELY TO YOUR AUTHORIZED DISTRIBUTOR.



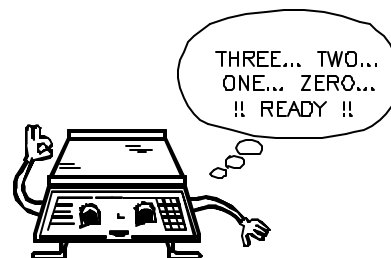
2.- PLACE THE SCALE WHERE THERE IS NOT ANY MOVEMENT OR VIBRATION. MAKE SURE IT IS LEVELED ADEQUATELY CHECKING THAT THE FOUR LEVELING BASES ARE SUPPORTING THE SCALE OVER THE SURFACE WHERE IT HAS BEEN PLACED AND IF THE LEVEL BUBBLE (UNDER THE PLATE) IS CENTERED, TO ADJUST, TIGHTEN OR LOOSEN THE LEVELING BASES UNTIL THE BUBBLE IS IN THE CENTER OF THE CIRCLE. FINALLY TIGHTEN THE NUT LOCK OF EACH OF THE BASES.



3.- CONNECT THE AC/DC POWER SUPPLY (IF YOU USE IT) TO A 120 V a.c. OUTLET.



4.- TURN THE SCALE ON AFTER THE COUNTDOWN SEQUENCE YOUR SCALE WILL DISPLAY ZEROS AND WILL BE READY TO USE.

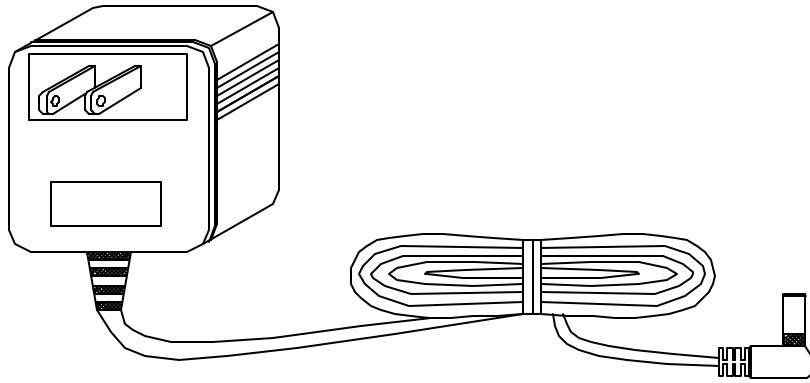


IMPORTANT NOTE: IF YOUR SCALE DISPLAYS " HELP " AFTER YOU FOLLOWED THE PREVIOUS STEPS AND AFTER THE INITIAL COUNTDOWN, IT MEANS THAT IT WAS HANDLED ROUGHLY AND/OR GOT HIT DURING THE SHIPMENT, WHICH CAUSED IRREVERSIBLE DAMAGE IN IT IS OPERATION. CALL YOUR AUTHORIZED DISTRIBUTOR.

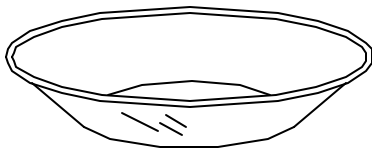
IS POSSIBLE THAT THE SCALE DISPLAYS " HELP " WHEN YOU TURN IT ON WITH WEIGHT ON THE PLATE; WHEN THIS HAPPENS, REMOVE THE WEIGHT AND TURN THE SCALE OFF AND THEN TURN IT ON.

IV . ACCESSORY (INCLUDED)

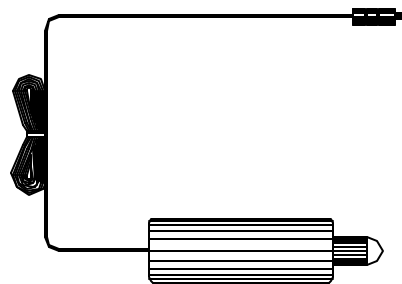
AC/DC POWER SUPPLY



V . OPTIONAL ACCESSORIES (NOT INCLUDED)



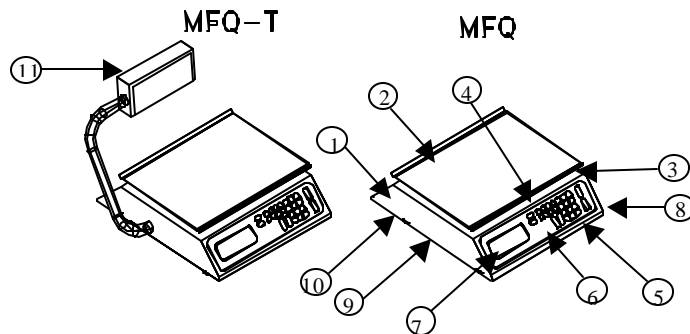
DEEP PLATTER
(USE IT ONLY IN
"TARE" FUNCTION)



CAR'S LIGHTER PLUG

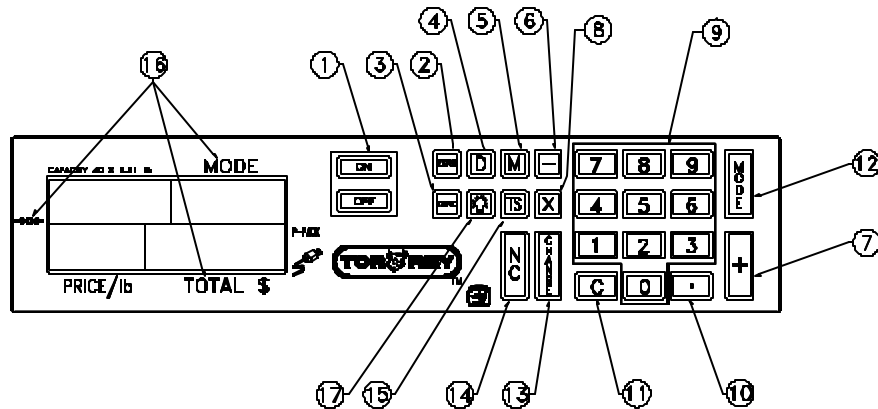
VI . NAME AND LOCATION OF IMPORTANT PARTS

- FRONT VIEW




- 1.- **CABINET:** MANUFACTURED IN STAINLESS STEEL AND RESISTANT TO CORROSION AND STROKES.
- 2.- **PLATE:** ALSO MANUFACTURED IN STAINLESS STEEL WITH THE BORDER BENT AND ROUNDED.
- 3.- **PLATE HOLDER:** MANUFACTURED IN ALUMINUM THAT PROVIDES RESISTANCE TO CORROSION.
- 4.- **CIRCULAR LEVEL:** INSERTED IN THE CABINET. IT IS USED TO LEVEL THE SCALE.
- 5.- **CAP NUTS:** THEY JOIN THE BASE AND THE CABINET.
- 6.- **MEMBRANE KEYBOARD:** IT HAS MULTIFUNCTIONS, WITH BIG AND READABLE KEYS.
- 7.- **GENERAL VIEW FINDER:** IT SHOWS THE NECESSARY INFORMATION. IT HAS INDIVIDUAL INDICATORS: UPPER-LEFT INDICATOR, ALPHANUMERIC ("MODE") INDICATOR, "PRICE" INDICATOR, "TOTAL" INDICATOR.
- 8.- **LEVELING BASES:** THEY LEVEL THE SCALE TIGHTENING OR LOOSENING THEM
- 9.- **NUT LOCK FOR LEVELING BASE:** TIGHTENING IT FIRMLY KEEPS THE LEVELING BASE IN ONE POSITION.
- 10.- **JACK:** CONNECTS THE AC/DC POWER SUPPLY TO THE SCALE
- 11.- CUSTOMER TOWER DISPLAY IN THE MODEL **MFQ-T**, OR CUSTOMER DISPLAY IN THE MODEL **MFQ**

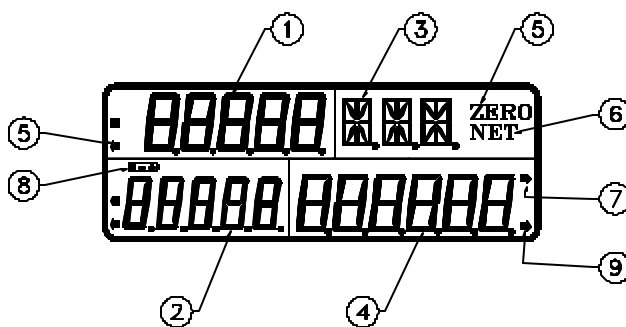
• KEYBOARD




- 1.- **ON / OFF** KEYS: WHEN THE **ON** KEY IS PRESSED, THE APPLIANCE TURNS ON. WHEN THE **OFF** KEY IS PRESSED, THE APPLIANCE TURNS OFF.
- 2.- **ZERO** KEY: THIS KEY IS USED TO START WITH ZERO ON THE WEIGHT.
- 3.- **TARE** KEY: THIS KEY IS USED TO ELIMINATE ANY CONTAINER'S WEIGHT THAT YOU DO NOT WISH TO CONSIDER DURING A TRANSACTION (FOR EXAMPLE: BOXES, BAGS, BOTTLES, ETC.).
- 4.- **D** KEY: IT IS USED TO GIVE DISCOUNTS OR REFUNDS.
- 5.- **M** KEY: IT IS USED IN THE " **FIXED PRICE** " FUNCTION.
- 6.- **-** KEY: IT IS USED TO SUBTRACT PRODUCTS THAT HAD ALREADY BEEN ADDED IN THE SCALE.
- 7.- **+** KEY: IT IS USED TO ACCUMULATE THE AMOUNT OF PRODUCTS AND THE MONEY THAT A CUSTOMER
- 8.- **X** KEY: IT IS USED TO MULTIPLY AN "UNWEIGHED PRODUCT" PRICE BY THE NUMBER OF THE PIECES THAT THE CUSTOMER TAKES.
- 9.- **0** ,... , **9** NUMERICAL SECTION: IT IS USEFUL TO ENTER DATA INTO THE SCALE SUCH AS PRICE PER POUND.
- 10.- **.** KEY: IT IS USED IN THE " **FIXED PRICE** " FUNCTION.

- 11.- **(C)** KEY: IT IS USED TO CLEAR WRONG DATA THAT HAS BEEN ENTERED WITH THE KEYBOARD. IT IS ALSO USED TO ELIMINATE THE " **FIXED PRICE** " FUNCTION.
- 12.- **(MODE)** KEY: IT IS USED TO SELECT THE " WEIGHED PRODUCT " MODE OR THE " UNWEIGHED PRODUCT " MODE.
- 13.- **(CHANGE)** KEY: IT IS USED TO CALCULATE THE CHANGE TO BE RETURNED TO THE CUSTOMER. IT APPEARS IN THE " **TOTAL** " INDICATOR.
- 14.- **(NC)** KEY: IT IS USED TO END THE TRANSACTION AND TO START WITH ANOTHER ONE. THIS FUNCTION IS TO START IN **ZEROS** WITH THE NEW CUSTOMER AND TO ADD THE PREVIOUS CUSTOMER'S SALE TO THE DAY'S **TOTAL SALE**.
- 15.- **(TS)** KEY: THIS KEY IS TO SHOW THE TOTAL QUANTITY THAT HAS BEEN CHARGED DURING THE DAY. IT APPEARS ON THE VIEW FINDER.
- 16.- GENERAL VIEW FINDER: IT IS USED TO INDICATE A PARTICULAR CHARACTERISTIC IN EACH SECTION (**UPPER-LEFT, ALPHANUMERIC ("MODE"), "PRICE", "TOTAL" INDICATORS**).
- 17.-  KEY: IT'S USED TO TURN ON OR TURN OFF THE BACK LIGHT.

• **GENERAL VIEW FINDER (LCD DISPLAY)**

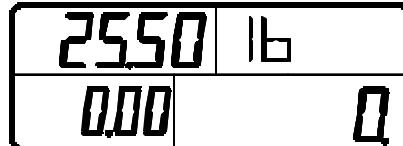


- 1.- **UPPER-LEFT** INDICATOR: SHOWS THE PRODUCT'S WEIGHT IN **POUNDS** WHEN THIS HAPPENS, THE SYMBOL **lb** APPEARS IN THE ALPHANUMERIC ("MODE") INDICATOR (3).
- 2.- **PRICE** INDICATOR: SHOWS THE PRICE PER **POUND** OF THE PRODUCT. THIS PRICE CAN HAVE UP TO 5 DIGITS.
- 3.- **ALPHANUMERIC** ("MODE") INDICATOR: THIS CAN SHOW THE FOLLOWING READINGS:
 - lb. WHEN A PRODUCT IS BEING WEIGHED ON THE SCALE.
 - NEG. WHEN THERE IS A NEGATIVE WEIGHT.
 - ITM. WHEN AN ADDITION OR SUBTRACTION OPERATION TAKES PLACE.
 - PCS WHEN THE SCALE IS IN THE " UNWEIGHED PRODUCTS " MODE.
 - T.S. WHEN YOU WANT TO SEE THE "TOTAL SALE".
- 4.- TOTAL AMOUNT TO PAY INDICATOR (" **TOTAL** "): SHOWS THE PARTIAL OR TOTAL SALE DURING A COMMERCIAL TRANSACTION.
- 5.- **ZERO** AND  INDICATORS: THIS REFERENCE TO **ZERO** INDICATES THAT THE SCALE IS READY TO START WEIGHING PRODUCTS. THE INDICATORS DISAPPEAR WHEN A WEIGHT IS PLACED ON THE SCALE OR WHEN IT OPERATES IN THE " UNWEIGHED PRODUCTS " MODE.
- 6.- **NET** INDICATOR: INDICATES THAT THE **TARE** FUNCTION HAS BEEN ACTIVATED. THIS INDICATOR DISAPPEARS WHEN YOU PRESS THE **(TARE)** OR THE **(ZERO)** KEYS.
- 7.- **FIXED PRICE** INDICATOR: WHEN IT IS ACTIVATED, IT INDICATES THAT THE PRICE PER **POUND** THAT IS SHOWN IN THE INDICATOR WILL NOT BE CLEARED AUTOMATICALLY WHEN THE PRODUCT IS REMOVED FROM THE SCALE (IT IS FIXED).
- 8.- **LOW BATTERY** INDICATOR: WHEN THE BATTERY'S ENERGY IS TOO LOW, THIS INDICATOR TURNS ON TO TELL YOU THAT IT IS NECESSARY TO RECHARGE IT.
- 9.- **AC/DC POWER SUPPLY** INDICATOR: IT MEANS THAT THE SCALE WAS CONNECTED TO THE AC/DC POWER SUPPLY.

VII . OPERATIONS DESCRIPTION.

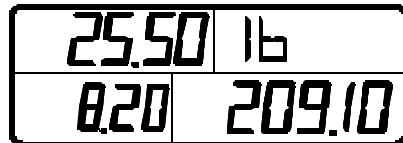
• HOW TO WEIGHT A PRODUCT

TURN YOUR SCALE ON PRESSING THE **ON** KEY. YOU WILL SEE THAT A COUNTDOWN SEQUENCE STARTS IN THE GENERAL VIEW FINDER. AT THE END OF THIS COUNTDOWN SEQUENCE, ZEROS WILL APPEAR IN THE VIEW FINDER. AT THIS MOMENT THE SCALE IS READY TO USE (THIS OPERATION CAN BE DONE USING THE BATTERY OR CONNECTING THE SCALE TO THE CORRESPONDING AC/DC POWER SUPPLY). THEN PLACE THE PRODUCT TO BE WEIGHED ON THE PLATE AND YOU WILL SEE THE WEIGHT IN THE **UPPER-LEFT** INDICATOR, AND THE **lb** SYMBOL IN THE **ALPHANUMERIC** INDICATOR. FOR EXAMPLE, IF YOU PLACE A PRODUCT WHOSE WEIGHT IS 25.5 lb, YOU WILL SEE THE FOLLOWING:



• HOW TO ENTER PRICES

THE PRODUCT'S PRICE PER **POUND** IS ENTERED PRESSING THE NUMBERS OF THE KEYBOARD TO INDICATE THE DESIRED VALUE. THIS VALUE WILL APPEAR IN THE " **PRICE** " INDICATOR AND THE TOTAL AMOUNT TO PAY WILL BE CALCULATED AUTOMATICALLY BEING SHOWN IN THE " **TOTAL** " INDICATOR. FOR EXAMPLE, IF THE PRICE OF THE PRODUCT PER POUND IN THE PREVIOUS EXAMPLE IS \$8.20, JUST PRESS **8** **2** **0** AND THE FOLLOWING DISPLAY WILL APPEAR:



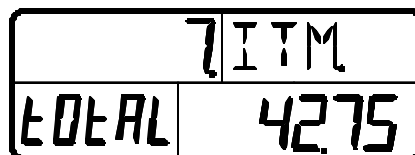
• HOW TO CLEAR WRONG PRICES

WHEN A MISTAKEN PRICE IS ENTERED, YOU CAN CLEAR IT IN TWO WAYS:

- A) MANUALLY: SIMPLY PRESS THE CLEAR **C** KEY AND ENTER THE CORRECT PRICE.
- B) AUTOMATICALLY: THE PRICE IS AUTOMATICALLY CLEARED REMOVING THE PRODUCT FROM THE PLATE. THIS FUNCTION ONLY WORKS IN THE " WEIGHED PRODUCT " MODE.

• TOTAL CUSTOMER'S SALE

WHEN YOU PRESS THE **+** OR **-** KEYS, THE SCALE WILL DISPLAY THE TOTAL CUSTOMER'S SALE TO THAT MOMENT. THE AMOUNT WILL BE SHOWN IN THE " **TOTAL** " INDICATOR WHILE THE WORD "tOtAL" WILL APPEAR IN THE " **PRICE** " INDICATOR; THE **ALPHANUMERIC** ("MODE")INDICATOR WILL SHOW THE WORD " **ITM.** " (TOTAL) AND THE **UPPER-LEFT** INDICATOR WILL DISPLAY THE NUMBER OF ITEMS ADDED UP TO THAT MOMENT. FOR EXAMPLE:

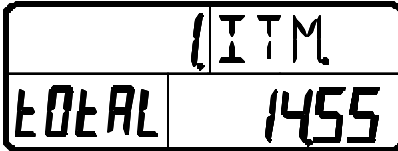


THIS TELLS YOU THAT SEVEN OPERATIONS HAVE TAKEN PLACE (ADDITIONS) AND THAT FOR THOSE ITEMS THE TOTAL AMOUNT OF MONEY TO BE PAID IS \$42.70.

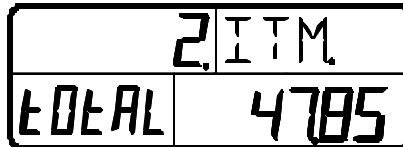
• **ADDITION AND SUBTRACTION OF " WEIGHED PRODUCTS "**

TO ADD SEVERAL "WEIGHED PRODUCTS" (THAT ARE CHARGED ACCORDING TO THEIR WEIGHT), FIRST MAKE SURE THAT THE SCALE IS IN THE " WEIGHED PRODUCT " MODE (lb. IN THE ALPHANUMERIC INDICATOR AND ZEROS IN THE OTHER INDICATORS), THEN FOLLOW THESE SIMPLE INSTRUCTIONS:

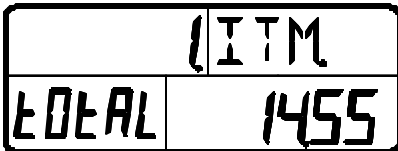
- 1.- PLACE THE FIRST PRODUCT ON THE PLATE (FOR EXAMPLE 3 lb).
- 2.- ENTER THE PRICE PER POUND (FOR EXAMPLE \$4.85). JUST PRESS (4) (8) (5).
- 3.- PRESS THE (+) KEY. UP TO NOW THE VIEW FINDER WILL DISPLAY THE FOLLOW.



- 4.- REMOVE THE PRODUCT FROM THE PLATE AND PLACE THE NEXT ONE (FOR EXAMPLE 9 lb).
- 5.- ENTER THE PRODUCT'S PRICE PER lb. (FOR EXAMPLE \$3.70). JUST PRESS (3) (7) (0).
- 6.- PRESS THE (+) KEY. UP TO NOW THE VIEW FINDER WILL DISPLAY:



- 7.- IF YOU WANT TO RETURN THIS PRODUCT: PLACE THE PRODUCT ON THE PLATE (9 lb).
- 8.- ENTER THE PRODUCT'S PRICE PER lb (\$3.70). JUST PRESS (3) (7) (0).
- 9.- PRESS THE (-) KEY. UP TO NOW THE VIEW FINDER WILL DISPLAY:

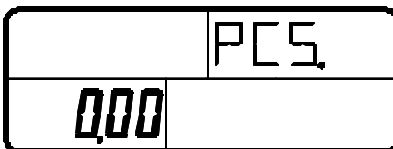


- 10.- REPEAT STEPS 4 TO 6, UNTIL ALL THE PRODUCTS ARE WEIGHED.

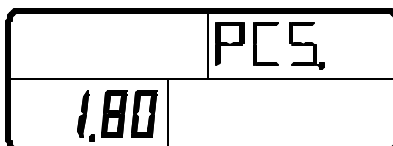
• **HOW TO ENTER PRICES OF "UNWEIGHED PRODUCTS"**

THE " UNWEIGHED PRODUCTS " ARE THOSE THAT ARE NOT CHARGED FOR THEIR WEIGHT BUT BY PIECE, LIKE PACKAGES OF CIGARETTES, MAGAZINES, DRINKS, BOOKS, ETC.

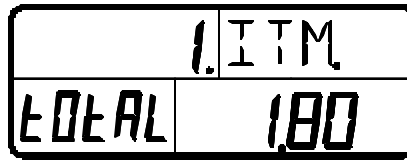
TO ENTER THESE PRODUCT PRICES WE NEED TO BE IN THE " UNWEIGHED PRODUCT " MODE, WE GET IT BY PRESSING THE (MODE) KEY, AT THIS MOMENT THE UPPER-LEFT AND " TOTAL " INDICATORS ARE TURNED OFF; THE ABBREVIATION " PCS " (PIECES) WILL APPEAR IN THE ALPHANUMERIC INDICATOR AND ZEROS WILL APPEAR IN THE " PRICE " INDICATOR.



ONCE THIS IS DONE WE ENTER THE PRICE OF THE PRODUCT, FOR EXAMPLE, WE ARE GOING TO BUY A MAGAZINE THAT COSTS \$1.80. SINCE WE ARE ALREADY IN THE " UNWEIGHED PRODUCT " MODE, WE ONLY ENTER THE PRICE PRESSING (1) (8) (0) AND THE VIEW FINDER WILL DISPLAY:



TO ADD THIS PRODUCT WITH OTHERS, SIMPLY PRESS THE \oplus KEY AND THE VIEW FINDER WILL DISPLAY THE FOLLOWING:



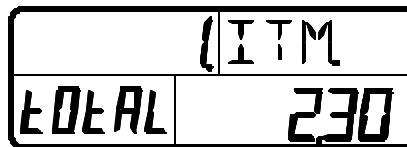
• ADDITION AND SUBTRACTION OF " UNWEIGHED PRODUCTS "

SUPPOSE THAT A CUSTOMER WANTS TO TAKE THE FOLLOWING PRODUCTS:

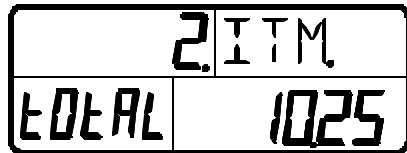
1 PACKAGE OF CIGARETTES	\$2.30
1 BOOK	\$7.95
1 CLOCK	\$12.80

TO ADD THEM IN A COMMERCIAL OPERATION, FOLLOW THESE SIMPLE INSTRUCTIONS:

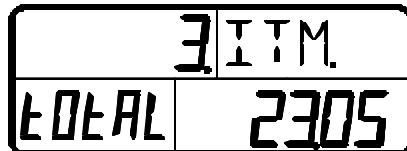
- 1.- PRESS THE MODE KEY TO ENTER THE " UNWEIGHED PRODUCT " MODE (" PCS " IN THE ALPHANUMERIC INDICATOR).
- 2.- ENTER THE PRICE OF THE PACKAGE OF CIGARETTES PRESSING 2 3 0
- 3.- PRESS THE \oplus KEY. AT THIS MOMENT WE CAN SEE THE FOLLOWING:



- 4.- ENTER THE PRICE OF THE BOOK, PRESSING 7 9 5
- 5.- PRESS THE \oplus KEY. AT THIS MOMENT THE VIEW FINDER SHOWS:

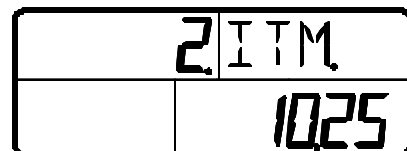


- 6.- FINALLY ENTER THE PRICE OF THE CLOCK PRESSING 1 2 8 0
- 7.- PRESS THE \oplus KEY. THE FOLLOWING DISPLAY WILL APPEAR IN THE VIEW FINDER.



WHEN THESE OPERATIONS ARE DONE AND THE CUSTOMER DECIDES NOT TO TAKE ANY OF THESE PRODUCTS (FOR EXAMPLE THE CLOCK), WE CAN DEDUCT IT AS FOLLOWS:

- 8.- IN THE SAME " UNWEIGHED PRODUCT " MODE, ENTER THE QUANTITY TO BE DEDUCTED (IN THIS CASE THE PRICE OF THE CLOCK) PRESSING 1 2 8 0
- 9.- PRESS THE \ominus KEY. AT THIS POINT THE VIEW FINDER SHOWS THE TOTAL AMOUNT TO PAY:



NOTICE THAT IN THIS LAST OPERATION THE PRICE OF THE PRODUCT (\$12.80) WAS DEDUCTED AS WELL AS THE AMOUNT OF ITEMS. SO, THE \ominus KEY MUST BE USED ONLY FOR RETURNS.

• COMBINATION OF " WEIGHED " AND " UNWEIGHED " PRODUCTS

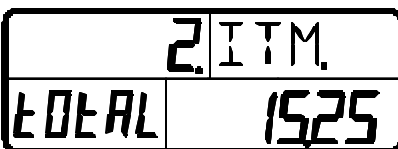
EXAMPLE OF COMBINED OPERATIONS OF "WEIGHED " AND " UNWEIGHED " PRODUCTS.
MAKING A COMMERCIAL OPERATION COMBINING " WEIGHED " AND " UNWEIGHED " PRODUCTS IS VERY SIMPLE.
LET'S SEE AN EXAMPLE: SUPPOSE THAT ONE OF OUR CUSTOMERS (NAMED JOHN) WOULD LIKE TO TAKE THE FIVE FOLLOWING PRODUCTS:

3 POUNDS OF EGGS	\$1.25 PER POUNDS
5 POUNDS OF RICE	\$2.30 PER POUNDS
1 MAGAZINE	\$3.15 PER PIECE
1 SOFT DRINK	\$0.85 PER PIECE
2 POUNDS OF SUGAR	\$0.70 PER POUNDS

TO ENTER ALL THIS ITEMS, WE FIRST MAKE SURE THAT THE SCALE IS IN " ZEROS " AND THAT IT IS IN THE " WEIGHTED PRODUCTS " MODE, THEN FOLLOW THESE SIMPLE INSTRUCTIONS:

- 1.- PLACE THE EGGS ON THE SCALE AND PRESS (1) (2) (5) (+)
- 2.- REMOVE THE EGGS FROM THE PLATE AND PLACE THE RICE.
- 3.- PRESS (2) (3) (0) (+).

UP TO NOW THE VIEW FINDER SHOWS:

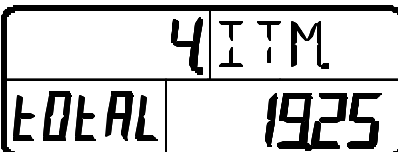


- 4.- REMOVE THE RICE FROM THE PLATE.

5.- PRESS THE (MODE) KEY. IT IS IMPORTANT THAT THERE IS NOT ANY WEIGHT ON THE PLATE WHEN YOU PRESS THIS KEY.

- 6.- ENTER THE PRICE OF THE MAGAZINE PRESSING (3) (1) (5) (+)
- 7.- ENTER THE PRICE OF THE SOFT DRINK PRESSING (8) (5) (+)

UP TO NOW THE VIEW FINDER SHOWS:

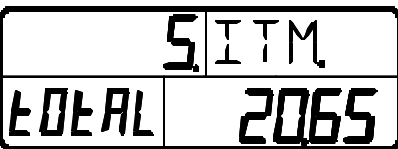


8.- PRESS THE (MODE) KEY TO RETURN TO THE " WEIGHED PRODUCT " MODE.

- 9.- PLACE THE SUGAR ON THE PLATE.

- 10.- ENTER THE PRICE PER POUND OF THE SUGAR PRESSING (7) (0) (+)

THE VIEW FINDER WILL FINALLY DISPLAYS:



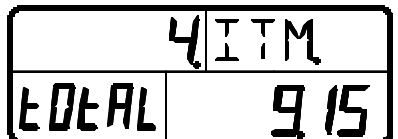
BUT!!!!... WHAT HAPPENS IF JOHN DECIDES NOT TO TAKE THE RICE? THEN YOU ELIMINATE EXCLUSIVELY THAT OPERATION FOLLOWING THESE STEPS:

11.- PLACE THE RICE ON THE PLATE WITH THE SCALE IN THE " WEIGHED PRODUCT " MODE.

- 12.- ENTER THE PRICE PER POUND PRESSING (2) (3) (0)

- 13.- PRESS THE (-) KEY.

THE FINAL RESULT OF THE OPERATION LOOKS LIKE THIS:



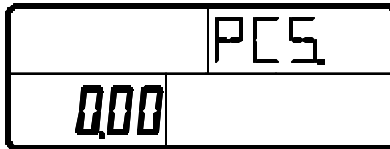
• USE OF MULTIPLICATION (x)

THIS KEY CAN ONLY BE USED IN THE " UNWEIGHED PRODUCT " MODE. IT IS USED WHEN WE TAKE SOME ITEMS OF THE SAME PRICE AND WE WANT TO ENTER ALL OF THEM IN ONE OPERATION. TO USE IT, WE FIRST ENTER THE AMOUNT OF PRODUCTS WE ARE TAKING, NEXT WE PRESS THE **•** KEY AND FINALLY WE ENTER THE PRICE (WHICH IS THE SAME FOR ALL THE PRODUCTS THAT WE ARE TAKING).

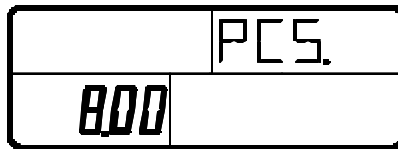
THE ORDER IN WHICH THE DATA IS ENTERED IS IMPORTANT. YOU SHOULD ALWAYS ENTER THE AMOUNT OF PRODUCTS FIRST AND THEN THE PRICE PER UNIT.

RETURNING TO OUR PREVIOUS EXAMPLE, LET'S SUPPOSE THAT OUR CUSTOMER JOHN, WANT TO TAKE 8 CALCULATORS IN ADDITION TO THE OTHER PRODUCTS. EACH CALCULATOR COST \$11.45, THE COMMERCIAL OPERATION WOULD BE AS FOLLOWS:

1.- ENTER THE " UNWEIGHED PRODUCT " MODE PRESSING THE **MODE** KEY.



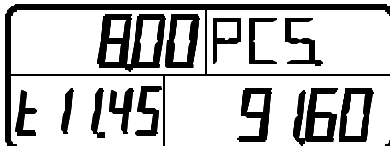
2.- ENTER THE AMOUNT OF PRODUCTS THE CUSTOMER IS TAKING (8 CALCULATORS), PRESSING THE **8 0 0** KEYS.



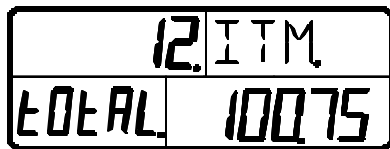
3.- PRESS THE **x** KEY (MULTIPLICATION).



4.- ENTER THE PRICE OF ONE CALCULATOR ENTERING **1 1 4 5**

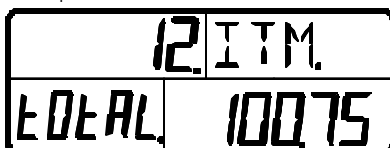


THE TOTAL PRICE OF THE CALCULATORS IS \$91.60. IF YOU WISH TO ADD IT TO THE OTHER PRODUCTS THAT THE CUSTOMER IS TAKING, JUST PRESS THE **+** KEY AND WE WILL HAVE:

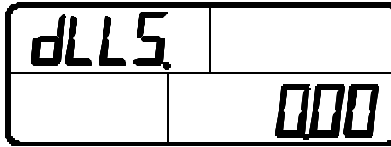


• HOW TO CALCULATE THE "CHANGE"

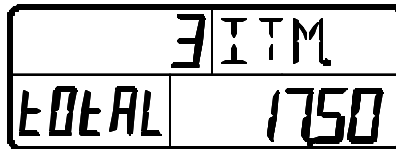
THE **CHANG** KEY IS USED WHEN THE COMMERCIAL TRANSACTION HAS FINISHED AND THE CUSTOMER PAYS WITH A GREATER BILL THAN THE AMOUNT HE HAS TO PAY. SUPPOSE THAT THIS IS THE FINAL AMOUNT TO PAY AND THAT THE CUSTOMER WILL PAY WITH THREE \$50 BILLS. THE FINAL AMOUNT TO PAY IS:



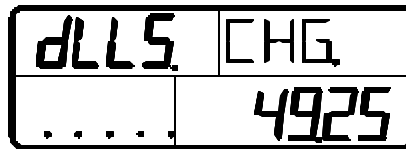
1.- TO CALCULATE THE CHANGE, PRESS THE **CHANG** KEY ONCE AND "dLLS" WILL APPEAR IN THE **UPPER-LEFT** INDICATOR, ZERO WILL APPEAR IN THE " **TOTAL** " INDICATOR, AND NOTHING WILL APPEAR IN THE " **PRICE** " INDICATOR.



2.- ENTER THE TOTAL VALUE OF THE BILLS THE CUSTOMER GIVES YOU ENTERING **1 5 0 0 0** THIS VALUE WILL APPEAR IN THE " **TOTAL** " INDICATOR.



3.- PRESS THE **CHANG** KEY AGAIN AND THE CHANGE WILL APPEAR AUTOMATICALLY IN THE " **TOTAL** " INDICATOR. " CHG. " (CHANGE) WILL APPEAR IN THE **ALPHANUMERIC** INDICATOR AND SOME POINTS WILL APPEAR IN THE " **PRICE** " INDICATOR WHICH INDICATE THAT IT IS THE CHANGE YOU MUST RETURN TO THE CUSTOMER.



- HOW TO START WITH THE "NEW CUSTOMER"

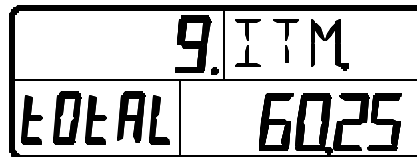
THE **NC** KEY IS USED TO END A COMMERCIAL OPERATION WITH A CUSTOMER AND TO START IN ZEROS WITH A NEW ONE. WHEN THIS **NC** KEY IS PRESSED TWO THINGS TAKE PLACE.

- 1.- THE FINAL SALE OF YOUR LAST CUSTOMER IS ADDED IN A SPECIAL MEMORY CALLED " TOTAL SALE ".
- 2.- THE GENERAL VIEW FINDER INDICATORS RETURN TO ZEROS TO START WITH A NEW CUSTOMER.

- GIVING REFUNDS OR DISCOUNTS

THE **D** KEY IS USED TO GIVE DISCOUNTS OR REFUNDS. THIS FUNCTION OPERATES ONLY IN THE " UNWEIGHED PRODUCT " MODE.

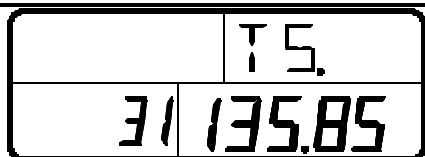
SUPPOSE THAT A CUSTOMER HAS TAKEN 9 PRODUCTS AND ITS TOTAL AMOUNT IS \$62.25 THE STORE IS GIVING A \$ 2.00 DISCOUNT PER EVERY 50 DOLLARS THE CUSTOMERS BUY, IN THIS CASE ENTER **2 0 0** AND PRESS THE **D** KEY. THE VIEW FINDER WILL SHOW:



NOTICE THAT THE NUMBER OF ITEMS WAS NOT DECREASED.

• HOW TO INTERPRET THE "TOTAL SALE"

IF YOU WANT TO KNOW THE TOTAL AMOUNT OF SALES AT THE END OF THE DAY, JUST PRESS THE **TS** KEY AND THE AMOUNT WILL APPEAR IN THE " **PRICE** " AND " **TOTAL** " INDICATORS. YOU CAN READ THE NUMBER LEFT TO RIGHT, INCLUDED CENTS. THE **ALPHANUMERIC** INDICATOR DISPLAY THE SYMBOL " T.S. " (TOTAL SALE). EXAMPLE:



THIS AMOUNT IS READ AS 31 THOUSAND, 135 " DLLS ", WITH 85 CENTS.
WHEN YOU WISH TO CLEAR THE TOTAL SALE AND START IN ZEROS (FOR EXAMPLE TO START A NEW DAY), JUST PRESS **(TS)** **(TS)** **(.)**.

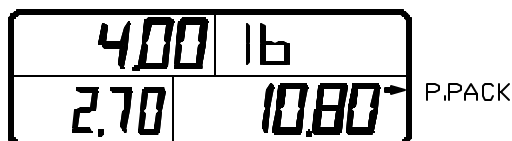
• USE OF THE "FIXED PRICE"

WHEN IT IS NECESSARY TO CONSTANTLY BE WEIGHING THE SAME KIND OF PRODUCT, ONE THAT DOES NOT CHANGE ITS PRICE, YOU CAN USE THE " **FIXED PRICE** " FUNCTION. THIS FUNCTION CAN ONLY BE USED IN THE " WEIGHED PRODUCT " MODE AND IT IS USED TO KEEP THE PRICE " **FIXED** " IN THE " **PRICE** " INDICATOR AVOIDING IT TO BE AUTOMATICALLY CLEARED WHEN THE WEIGHT IS REMOVED FROM THE SCALE. TO **FIX** A PRICE, FOLLOW THESE STEPS:

- 1.- PLACE THE PRODUCT ON THE PLATE.
- 2.- ENTER THE PRICE PER POUND OF THE PRODUCT.
- 3.- PRESS **(M)** **(.)**.

AFTER THESE STEPS, A SMALL ARROW WILL LIGHT UP IN THE UPPER RIGHT CORNER OF THE " **TOTAL** " INDICATOR, POINTING TO THE LABEL " **P-PACK** " (FIXED PRICE).

AS AN EXAMPLE, SUPPOSE THAT THE PRODUCT IS HAM, THE WEIGHT IS 4 POUNDS, AND THE PRICE IS \$2.7 PER POUND. AFTER ENTERING THE FIXED PRICE, THE VIEW FINDER WILL LOOK LIKE THIS:



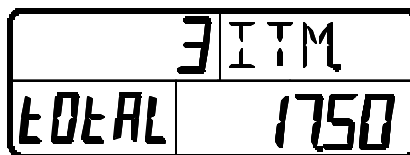
IF WE ARE PRE-PACKING WE CAN BE ACUMULATING THE NUMBER OF TIMES THAT THE PRODUCTS ARE WEIGHED AND THE PARCIAL SALE PRESSING **(+)** **(D)** EACH TIME WE WISH TO ADD AN AMOUNT TO THE TOTAL SUM. SUPPOSE THAT WE ARE PACKING EGGS WHICH COST \$1.25 PER KILOGRAM. SUPPOSE THAT THE PACKAGES WEIGHTS AS FOLLOWS:

1st PACKAGE	4 POUNDS
2nd PACKAGE	3 POUNDS
3rd PACKAGE	7 POUNDS

THE OPERATIONS USING THE " **FIXED PRICE** " ARE SHOWN BELOW:

- 1.- PLACE THE FIRST PRODUCT ON THE SCALE (4 POUNDS).
- 2.- ENTER THE PRICE PER POUND. PRESS **(1)** **(2)** **(5)**.
- 3.- PRESS **(M)** **(.)** TO KEEP THE PRICE FIXED.
- 4.- PRESS **(+)** **(D)** TO START MAKING A SUM.
- 5.- REMOVE THE WEIGHT AND PLACE THE SECOND PRODUCT (3 POUNDS).
- 6.- PRESS **(+)** **(D)**.
- 7.- REMOVE THE WEIGHT AND PLACE THE THIRD PRODUCT (7 POUNDS).
- 8.- PRESS **(+)**.

THE VIEW FINDER WILL SHOW:



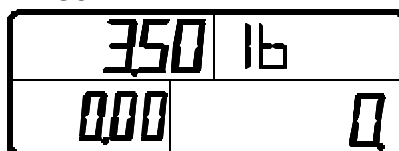
TO CLEAR THE **FIXED PRICE** FUNCTION, JUST PRESS THE **(C)** KEY.

• USE OF THE "TARE"

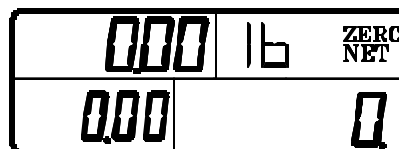
WHEN YOU WISH TO WEIGHT A PRODUCT IN A CONTAINER BUT YOU DO NOT WANT TO CONSIDER THE CONTAINER'S WEIGHT DURING THE OPERATION, YOU CAN USE THE **TARE** FUNCTION. TO USE THIS FUNCTION, FOLLOW THESE STEPS:

SUPPOSE YOU ARE GOING TO WEIGHT 15 POUNDS OF SUGAR IN A PLASTIC CONTAINER THAT WEIGHTS 3.5 POUNDS AND THAT THE PRICE PER lb IS \$1.80.

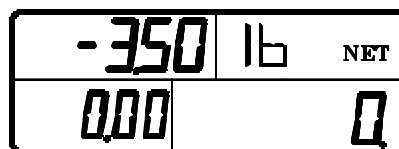
1.- PLACE THE EMPTY CONTAINER ON THE SCALE.



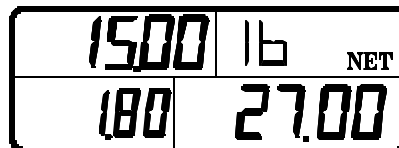
2.- PRESS THE **(TARE)** KEY. AFTER SOME SECONDS THE VIEW FINDER WILL DISPLAY:



3.- REMOVE THE CONTAINER AND PUT THE SUGAR INSIDE IT. WHEN YOU REMOVE THE CONTAINER, A NEGATIVE NUMBER (WEIGHT OF THE CONTAINER) APPEARS IN THE **UPPER-LEFT** INDICATOR.



4.- PLACE THE CONTAINER ON THE SCALE AND PUT IN THE CONTAINER SUGAR UNTIL YOU HAVE 15 lb. THEN ENTER THE PRICE PER POUND; PRESS **(1)** **(8)** **(0)**.



IF YOU WISH, YOU CAN ADD THIS PRODUCT TO OTHERS PRESSING **(+)**. TO CLEAR THE " **TARE** " FUNCTION, JUST PRESS THE **(TARE)** KEY AGAIN.

IT IS IMPORTANT TO MENTION THAT THIS FUNCTION IS SUBTRACTIVE FROM THE SCALE'S MAXIMUM CAPACITY. FOR EXAMPLE IF YOU HAVE A CONTAINER THAT WEIGHTS 7 lb, THE SCALE WILL ONLY BE ABLE TO WEIGHT UP TO 33 lb. OF PRODUCT TO COMPLETE THE MAXIMUM CAPACITY.

THE TWO FOLLOWING OBSERVATIONS ARE SPECIALLY IMPORTANT.

- 1) WHEN THERE IS NO WEIGHT CONTAINER ON THE SCALE YOU CAN NOT ACTIVATE THE " **TARE** " FUNCTION.
- 2) WHEN A CONTAINER IS TARED, BUT WHEN YOU REMOVE IT FROM THE PLATE AND YOU REMOVE A LARGER WEIGHT THAN THE CONTAINER, (GREASE, REMAINING OF A PRODUCT, ETC.), OR WHEN THE PLATE IS SLIGHTLY LIFTED WITH YOUR HAND, " **NEG** " (NEGATIVE) WILL APPEAR INDICATING A MISTAKE IN THE OPERATION.



WHEN THIS HAPPENS :

- a) LET GO OF THE PLATE IF YOU ARE HOLDING IT.
- b) IF THE ALARM CONTINUES ON DISPLAY PRESS THE **(ZERO)** KEY.

• HOW TO USE THE "REFERENCE TO ZERO"

IT IS POSSIBLE FOR THE SCALE TO DISPLAY A NUMBER IN THE **UPPER-LEFT** INDICATOR WITHOUT HAVING ANY PRODUCT ON THE PLATE DUE TO VOLTAGE VARIATIONS, ROUGH HANDLING, OR SOME OTHER FACTOR. WHEN THIS HAPPENS, SIMPLY PRESS THE **(ZERO)** KEY AND THE **UPPER-LEFT** INDICATOR WILL RETURN TO ZERO. THE WORD **ZERO** WILL APPEAR IN THE **ALPHANUMERIC** INDICATOR. THIS OPERATION IS COMMONLY KNOWN AS "RESETTING TO ZERO".

• POWER OFF TIMER FUNCTION

THIS FUNCTION IS PERMANENTLY ACTIVATED WHEN THE SCALE IS ON, AND ONLY WHEN YOU DO NOT HAVE THE AC/DC POWER SUPPLY CONNECTED TO THE SCALE. WHEN THE SCALE IS NOT USED FOR A PERIOD OF TIME GREATER THAN 15 MINUTES, IT WILL AUTOMATICALLY TURN OFF AND THEREFORE ALL THE INFORMATION OF THE TRANSACTION YOU WERE DOING WILL BE LOST. TO TURN ON THE SCALE AGAIN, JUST PRESS THE **(ON)** KEY, AND REPEAT YOUR CUSTOMER'S OPERATIONS. THE POWER OFF TIMER FUNCTION PERMITS YOU TO SAVE ELECTRICITY AND AVOIDS CONSTANT BATTERY RECHARGES.

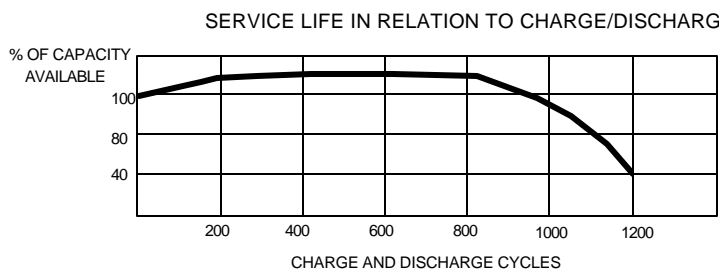
• USE OF THE BATTERY

AS MENTIONED BEFORE, THE SCALE CAN OPERATE WITH A 6 VOLT BUILT-IN BATTERY OR WITH AN AC/DC POWER SUPPLY. THE BATTERY IS RECHARGEABLE USING THE AC/DC POWER SUPPLY.

• BATTERY'S RECHARGE

TO MAKE THIS OPERATION, JUST CONNECT THE AC/DC POWER SUPPLY TO THE SCALE FOR 10 HOURS MAKING SURE THAT THE SCALE WAS TURNED OFF. THE ENERGY STORED IN THE BATTERY DURING A RECHARGE CAN LAST UP TO 30 HOURS OF CONTINUOUS OPERATION. WHEN YOU RECHARGE THE BATTERY FOR SOME HOURS, BUT THE BATTERY CAN NOT GET ENOUGH CHARGE TO TURN ON THE SCALE, THEN YOU MUST HAVE TO CHANGE THE BATTERY; IN THIS CASE CONTACT TO YOUR AUTHORIZED DISTRIBUTOR.

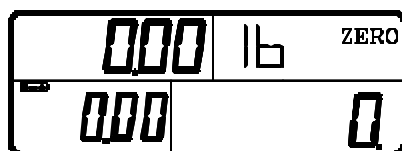
LIFE TIME OF THE RECHARGEABLE BATTERY



THE CHARGING CAPACITY OF THE RECHARGEABLE BATTERY IN THIS SCALE DECREASES ACCORDING TO THE NUMBER OF CHARGE/DISCHARGE CYCLES, THIS CAUSES THAT THE SERVICE LIFE IS REDUCED TO 1000 CYCLES. FOR THIS REASON THE WARRANTY PERIOD FOR THE BATTERY IS LIMITED TO SIX MONTHS AFTER THE PURCHASE DATE OF THE SCALE.

• LOW BATTERY INDICATOR

IF THE BATTERY DOES NOT HAVE ENOUGH ENERGY TO KEEP THE SCALE OPERATING A LONG TIME, A LOW BATTERY INDICATOR APPEARS IN THE VIEW FINDER. THIS IS THE FIRST WARNING SIGNAL INDICATING THAT IT IS NECESSARY TO RECHARGE THE BATTERY.



EVEN WITH THIS SIGNAL, IT IS POSSIBLE FOR THE SCALE TO KEEP ON OPERATING FOR A SHORT PERIOD OF TIME (30 MINUTES), BUT AFTER A SECOND WARNING SIGNAL APPEARS " **LOW bat** " IN THE **ALFANUMERIC** AND " **TOTAL** " INDICATORS, THE SCALE STOPS ITSELF AND DOES NOT RESPOND TO THE INSTRUCTIONS.




TO ELIMINATE ANY OF THE TWO INDICATORS AND CONTINUE USING THE SCALE WITHOUT ANY CONCERN, CONNECT THE AC/DC POWER SUPPLY TO THE SCALE AND TURN IT OFF AND ON. REMEMBER TO RECHARGE THE BATTERY BEFORE ATTEMPTING TO USE IT WITHOUT THE AC/DC POWER SUPPLY.

• CONNECTION TO THE CAR'S LIGHTER (OPTIONAL)

THIS OPTION PERMITS YOU TO CONNECT YOUR SCALE TO YOUR CAR'S CIGARETTE LIGHTER. BUT YOU MUST USE A 12 VOLT BATTERY. THE CONNECTION TO THE SCALE IS DONE WITH THE JACK IN WHERE THE AC/DC POWER SUPPLY IS CONNECTED. THIS CONNECTION CABLE IS AN ACCESSORY NOT INCLUDED WITH THE SCALE.

• USE OF THE KEY

WHEN YOU DO NOT HAVE ENOUGH LIGHT YOU CAN USE THE BACKLIGHT TO IMPROVE THE READABILITY OF THE DATA ON DISPLAY. TO TURN ON AND TO TURN OFF THE BACKLIGHT JUST PRESS THE  KEY.

• HOW TO ACCESS THE COUNTERS

THE SCALE IS EQUIPPED WITH TWO IMPORTANT COUNTERS: THE CALIBRATION COUNTER AND THE COUNTER OF TIMES THAT CONFIGURATION HAS BEEN CHANGED. **THIS COUNTERS MUST BE ONLY ACCESSED BY OFFICIAL OFFICE OF WEIGHTS AND MEASURES INSPECTORS.**

THE CALIBRATION COUNTER DISPLAYS THE NUMBER OF TIMES THE SCALE HAS BEEN "RECALIBRATED" BY A TECHNICIAN.

THE COUNTER OF TIMES THAT THE INTERNAL CONFIGURATION HAS BEEN CHANGED DISPLAYS THE NUMBER OF TIMES THAT A TECHNICIAN HAS RECONFIGURED THE "INTERNAL FUNCTION" IN THE SCALE.

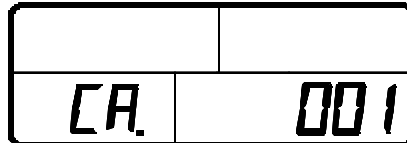
IN BOTH CASES, THE CUSTOMER CAN ONLY CHECK THE AMOUNT THAT IS DISPLAYED, BUT CAN NOT MAKE ANY CHANGES.

TO CHECK THE COUNTERS FOLLOW THESE INTRUCTIONS:

A) CALIBRATION COUNTER

1.- TURN ON THE SCALE.

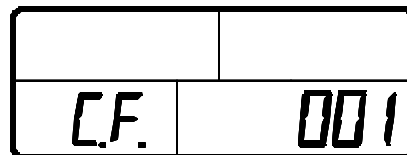
2.- PRESS (M) (C) (1) (0) (0) (0) DURING THE INITIAL COUNTDOWN, AT THE END OF THE COUNTDOWN THE VIEW FINDER WILL DISPLAY:



B) CONTER OF TIMES THAT THE INTERNAL CONFIGURATION HAS BEEN CHANGED.

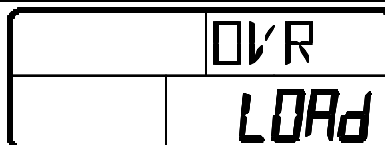
1.- TURN ON THE SCALE.

2.- PRESS THE (M) (C) (1) (0) (0) (1) KEYS DURING THE INITIAL COUNTDOWN, AT THE END OF THE COUNTDOWN THE VIEW FINDER WILL DISPLAY:

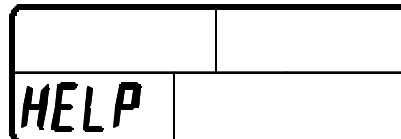


IN ANY OF THE TWO CASES, TO GET TO THE NORMAL OPERATION MODE JUST TURN OFF THE SCALE AND TURN IT ON AGAIN. YOUR SCALE LEAVES THE FACTORY LIKE THE EXAMPLES.

VIII . OTHER IMPORTANT MESSAGES THAT APPEAR ON THE SCALE



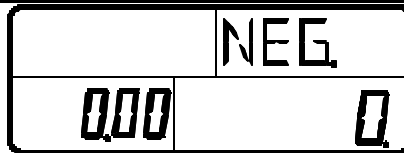
THIS MESSAGE INDICATES THAT A WEIGHT THAT EXCEEDS THE MAXIMUM CAPACITY HAS BEEN PLACED ON THE SCALE. TO CORRECT THIS, SIMPLY REMOVE THE OVER WEIGHT.



THIS MESSAGE APPEARS IN TWO DIFERENT SITUATIONS:

A) WHEN THE SCALE IS TURNED **ON** WITH AN EXCESSIVE WEIGHT ON THE PLATE (NEAR TO THE HALF CAPACITY OF THE SCALE). TO CORRECT THIS SITUATION REMOVE THE WEIGHT THAT IS ON THE SCALE, TURN **OFF** THE SCALE, AND THEN TURN IT ON AGAIN.

B) WHEN THE SCALE WAS HANDLED ROUGHLY AND/OR GOT HITTED DURING THE SHIPMENT, WHICH CAUSED IRREVERSIBLE DAMAGES IN IT IS OPERATION. IN THIS CASE CALL YOUR AUTHORIZED DISTRIBUTOR.



THIS MESSAGE INDICATES A NEGATIVE WEIGHT, THIS COULD HAPPEN IF YOU LIFT OR REMOVE THE SCALE'S PLATE. TO CORRECT THIS PUT THE PLATE BACK IN ITS PLACE AND PRESS THE **(ZERO)** KEY OR TURN THE SCALE OFF AND THEN TURN IT ON AGAIN.



THIS MESSAGE APPEARS WHEN:

A) WE TRY TO CHANGE FROM ONE OPERATING MODE TO THE OTHER (FROM "WEIGHED PRODUCT" TO " UNWEIGHED PRODUCT" MODE OR VICE-VERSA) AND THERE IS A PRODUCT ON THE PLATE. TO ELIMINATE THIS MESSAGE, SIMPLY REMOVE THE PRODUCT THAT IS ON THE SCALE AND PRESS THE "MODE" KEY.

B) IF THE SCALE IS OPERATING IN THE "UNWEIGHED PRODUCTS" MODE AND SOME PRODUCT HAS BEEN PLACED ON THE SCALE PLATE. TO CLEAR THE MESSAGE JUST REMOVE THE PRODUCT FROM THE PLATE.

C) IF WE TURN ON THE SCALE WITH A PRODUCT ON THE PLATE OR WHEN WE TAKE OUT THE PLATE FROM THE SCALE . TO ELIMINATE THIS MESSAGE SIMPLY REMOVE THE PRODUCT THAT IS ON THE SCALE OR PUT BACK THE PLATE IN ITS PLACE, TURN OFF THE SCALE AND THEN TURN IT ON AGAIN.

IX . MAINTENANCE AND CLEANING

--ONE OF THE GREATEST ADVANTAGES OF PURCHASING THIS SCALE MODEL IS THAT IT REQUIRES MINIMUM MAINTENANCE AND IT IS VERY SIMPLE TO KEEP IT IN FAVORABLE CONDITIONS.

--DO NOT USE A FLOW OF WATER TO CLEAN YOUR SCALE. USE A DAMP RAG AND CLEAN EACH OF THIS COMPONENTS DAILY: PLATE - COVER -KEYBOARD.

--TO REMOVE OIL AND GREASY SUBSTANCES, USE A DRY AND CLEAN RAG, RUBBING THE DIRTY AREA SEVERAL TIMES.

--PERIODICALLY CHECK THE JACK (WHERE THE AC/DC POWER SUPPLY IS INSERTED) TO MAKE SURE IT IS IN GOOD CONDITION. THAT IS, THAT THERE ARE NOT SIGNS OF STROKES OR DETACHMENTS.

--PERIODICALLY CHECK THE AC/DC POWER SUPPLY TO MAKE SURE THE ENDS ARE IN GOOD CONDITION AND THAT THE CABLE IS NOT TWISTED OR TANGLED.

--REGULARLY CHECK THE SCALE TO ASSURE IT IS CORRECTLY LEVELED WITH ITS FOUR BASES WELL SUPPORTED.

--WHEN YOU CLEAN THE SCALE MAKE SURE THAT THERE ARE NOT ANY PAPERS, OR ANY OTHER KIND OF MATERIAL UNDER THE PLATE OR UNDER THE PLATE-HOLDER THAT COULD OBSTRUCT THE ADEQUATE OPERATION OF YOUR SCALE.

--PERIODICALLY PLACE SOME TYPE OF INSECTICIDE ON THE SCALE'S BASE TO AVOID INSECTS (SPECIALLY ROACHES) THAT CAN DIRTY THE INTERIOR AND ALTER ITS ADEQUATE OPERATION.

--DO NOT USE DETERGENTS NOR CORROSIVE LIQUIDS WHILE CLEANING.

--DO NOT MOVE YOUR SCALE AROUND. CONSTANT MOVEMENT CAN CAUSE STROKES THAT DAMAGE IT.

--DO NOT EXPOSE YOUR SCALE TO TEMPERATURES BELOW -10 °C (14 °F) OR ABOVE 40 °C (104 °F).

X. TROUBLESHOOTING

BEFORE YOU CALL FOR SERVICE TO YOUR AUTHORIZED DISTRIBUTOR BECAUSE OF A MALFUNCTION IN YOUR SCALE, WE SUGGEST YOU FIRST CHECK THIS MANUAL AGAIN TO AVOID A MISUNDERSTANDING OF THE OPERATION AND USE OF THE FUNCTIONS. IF EVERYTHING IS CORRECT, THEN TRY TO CORRECT THE PROBLEM ACCORDING TO THE FOLLOWING LIST SINCE A SIMPLE CHECKUP OR A SMALL ADJUSTMENT COULD ELIMINATE IT. IF YOU DO NOT FIND THE PROBLEM, CONTACT YOUR AUTHORIZED DISTRIBUTOR.

PROBLEM	POSSIBLE CAUSE	SOLUTION
IT DOES NOT OPERATES.	THERE IS NOT ELECTRIC CURRENT.	WITH A MULTIMETER CHECK IF THERE IS ELECTRIC CURRENT IN THE OUTLETS.
	AC/DC POWER SUPPLY CABLE HAS A FALSE CONTACT.	CHECK THAT THE AC/DC POWER SUPPLY TERMINALS, IF IT IS POSSIBLE, CHECK WITH ANOTHER AC/DC POWER SUPPLY.
	LOW BATTERY.	CONNECT THE AC/DC POWER SUPPLY IF THE SCALE OPERATES, THEN RECHARGE THE BATTERY.
THE SCALE SHOWS DIFFERENT WEIGHTS WHEN THE SAME PRODUCT IS WEIGHED SEVERAL TIMES.	MATERIAL UNDER THE PLATE HOLDER IS OBSTRUCTING THE CORRECT MOVEMENT.	CHECK THAT THERE ARE NOT MATERIALS UNDER THE PLATE HOLDER. IF THERE ARE, REMOVE THEM AND CHECK THE OPERATION AGAIN.
IF THE MESSAGE "PLS. UnLOAD" APPEARS IN THE VIEW FINDER	THE SCALE WAS TURNED ON WITH A WEIGHT ON THE PLATE OR WITHOUT THE PLATE.	REMOVE THE WEIGHT OR PUT BACK THE PLATE IN ITS PLACE, TURN OFF THE SCALE AND THEN TURN IT ON AGAIN.
	IF YOU ARE WORKING IN THE "UNWEIGHTED PRODUCT" MODE AND YOU PLACE SOME WEIGHT IN THE PLATE.	REMOVE THE WEIGHT FROM THE PLATE .
THE WORD "HELP" APPEARS IN THE "PRICE" INDICATOR.	THE SCALE WAS TURNED ON WITH A BIG WEIGHT ON THE PLATE.	REMOVE THE WEIGHT AND TURN OFF THE SCALE AND THEN TURN IT ON AGAIN.

XI. TECHNICAL SPECIFICATIONS

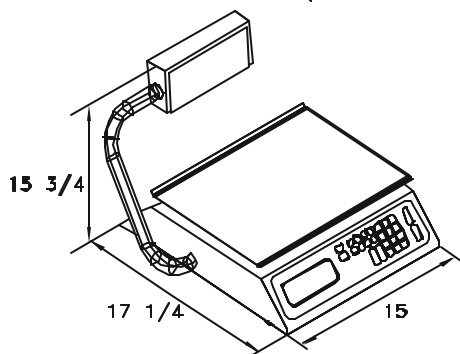
MODEL	MFQ-40L
MAX. CAPACITY	40 lb
MIN. DIV	0.01 lb
MAX. TARE	20 lb
MAX. PRICE	\$ 999.99
RANGE OF OPERATION TEMP.	14 TO 104 °F (-10 TO 40 °C)
RANGE OF STORAGE TEMP.	-4 TO 122 °F (-20 TO 50 °C)

AC/DC POWER SUPPLY :

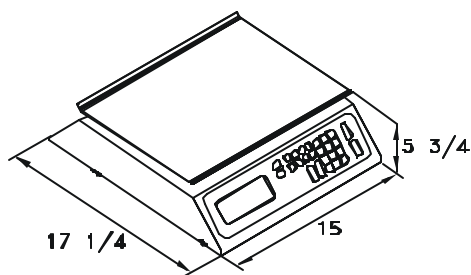
OUTPUT APPROVED BY 9 Vd.c. 500 mA.



MFQ-T



MFQ



WITH TURRET

NET WEIGHT	27.02 lb (12.25 kg)
GROSS WEIGHT	38.91 lb (17.65 kg)

**UNITS INCH
WITHOUT TURRET**

NET WEIGHT	24.60 lb(11.16 kg)
GROSS WEIGHT	31.19 lb (14.15 kg)

NOTE : THIS PRODUCT'S SERIAL NUMBER CAN BE FOUND ON THE SLAB UNDER THE PLATE. WE SUGGEST THAT YOU WRITE DOWN THAT SERIAL NUMBER AND THE CORRESPONDING MODEL IN THE FOLLOWING BLANKS AND KEEP THEM AS PERMANENT PROOF OF YOUR ACQUISITION, TO HELP IN THE IDENTIFICATION IN CASE OF LOSS OR FURTHER CONSULTATIONS.

DISTRIBUTOR	_____
ADDRESS	_____
TELEPHONE	_____
MODEL	_____
DATE OF PURCHASE	_____
SERIAL NUMBER	_____