MANUAL   FOR   **PMS-63** MOTHER BOARD

CONNECTION DIAGRAMS

RS232→

←Display Connector

Keys: →
1 .Tare /Enter
   Key
2. M+ key
3. MR Key
4. Mode key
.   5. Ground

MICRO

1
2
3
4
5

ADC

Load cell conn.
1. Black
2. Red
3. White
4. Green

4   3   2   1

6 5 4 3 2 1

1, 2= Transformer Points
3 = Battery Ground (-)
4 = Battery Positive (+)
5&6 =On/off Switch
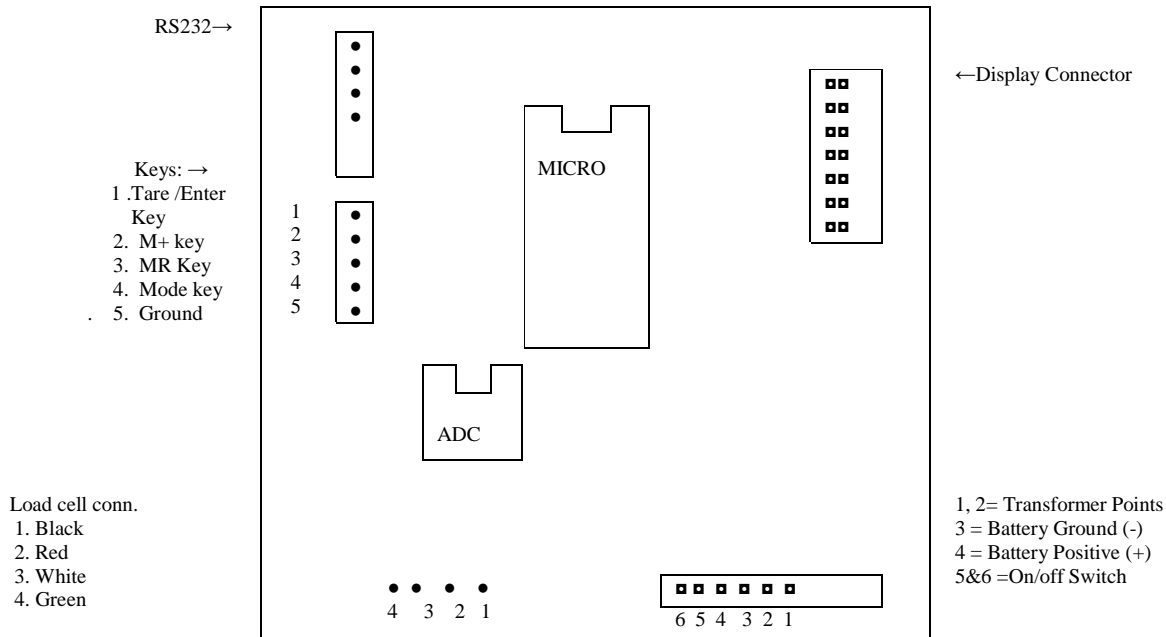
Main Features:

1). Latest   Technologies of weighing Scale Micro and ADC.
2). Microcontroller Based Battery Charging (Battery Life More).
3). PTH 300000 (Three Laces) ADC count for Utilization.
4). Totally Moisture Proof Designing.
5). Micro and ADC protects from STATICS charges.
6). 100 Hours Battery BACK-UP.
7). Upgraded to pricing counting/piece counting scale.

BATTERY CHARGING CONDITION:

S.NO	Green LED	Red LED	Battery charging status	Remark
1	OFF	ON	Fast Battery charging	Machine in OFF condition
2	Blinking	ON	Normal Battery charging	Machine in ON condition
3	ON	ON	Battery fully charged	Machine in ON condition
4	Blinking (ON time more)	OFF	Machine works on battery	A/C power supply OFF
5	Fast Blinking	OFF	Battery discharged	battery voltage low (buzzer beep)
6	Slow Blinking	ON	Battery NOT present or faulty	Machine in ON condition

1. OPERATIONS / SETTINGS

Hold MR Key Power on

UNLOC= Enter Master password (2013)
PASWAD = Change Parameter setting password
FNAME = Enter Farm name   (6+6=12 char. Length of name)

2). Hold   M+   key   power = (Enter parameter setting password)
MF= mode function :1= counting , 3= liter / % (Optional)
DSS= display mode:0 = weigh mode,1=   save mode.
A-0 = auto-zero tracking   counts (0- 9)
DU-0 = dummy zero: 0=   without dummy zero
1= with dummy zero
2= dual accuracy (0.5/1) or (5/10)
CS = Capacity Selection 1 = Only One Cap.
2= Two Cap.
3= Three Cap.
CAP-1= first capacity (first scale range for triple capacity) (Enter)
(If not use inter 00000 value)
DP1 = decimal point (DP) of cap1
FD1=   accuracy class (FIRST DIGIT) of cap1
CAP-2= second scale capacity   (enter)
(If not use inter 00000 value)
DP2 = decimal point (DP) of cap2
FD2 = accuracy class (FIRST DIGIT) of cap2
CAP-3= scale capacity   (enter)
DP3 = decimal point (DP) of cap3
FD3 = accuracy class (FIRST DIGIT) of cap3
Litd = Feed liter density

3). Hold   **MODE key**   power on = see machine internal count
On No-load   machine count must be 3000 to 12000 count
Usable machine counts are up to 300000

CALIBRATION:

Make sure that the Machine is in weighing mode
Keep Weight on the Pan/ platform (near 30% of m/c capacity.)
Press MR Key and hold then press **MODE key**
Display Show **PASSWAD** (Enter)
If   display shows **READML** (Then check your weight)
Display show **00000 (**feed above weight by **M+& MR** Keys)
Press ENTER **KEY** to complete   calibration.

COUNTING FUNCTION:

Make sure that machine is in weighing mode.
Keep some pieces on the pan/ platform.
Display shows you the weight.
Press   MR Key & M+ Key display show **COUNT**
Then press **TARE/ENTER key**
Display show **P. 00000**
Enter the number of pieces which kept on the pan (press Enter key)
Now machine working in counting mode.
For weight mode, press again **MODE key**.