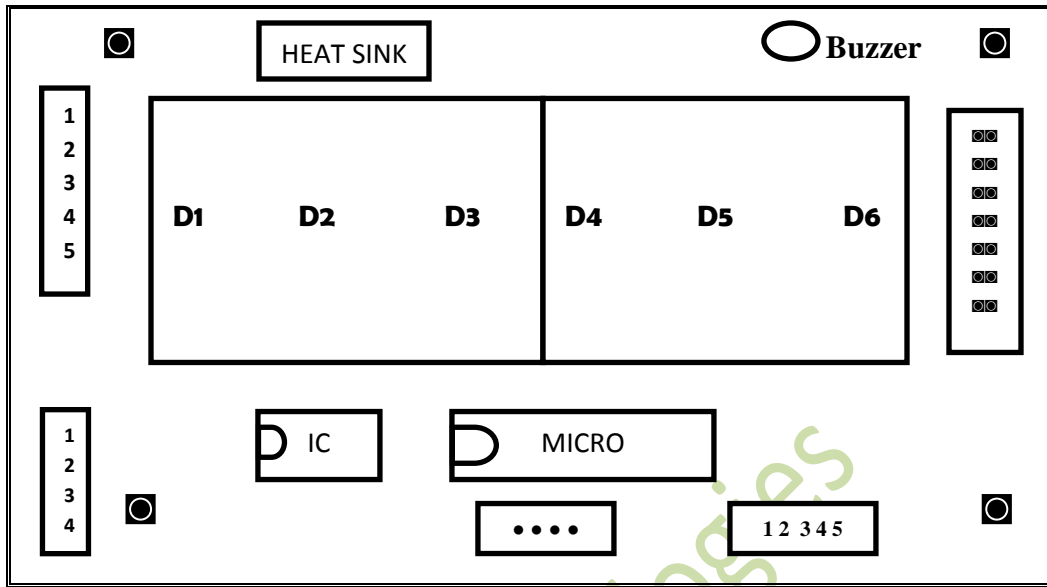


MANUAL FOR PMS-77 MOTHER BOARD

CONNECTION DIAGRAMS



SUPPLY →

- 1 & 2. Transformer Points
- 3. Battery GND(-)
- 4. Battery positive(+)
- 5 & 6. ON/OFF Switch

LOADCELL con.

- 1. Black
- 2. Red
- 3. White
- 4. Green

DISPLAY con.

- 1.TARE/enter KEY
- 2. M+ Key 3.MR Key
- 4.Mode Key 5. GND

RS232

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 Voltage Display :

At power ON time DC/Battery voltage display one of following range:

STATUS	RANGE
1). DC Voltage (without battery connected)	7.4V to 8.0V
2). BC - Battery charged Voltage	6.5V to 7.0V
3). BV-Battery Voltage	5.3V to 6.4V

Special new features :

- 1). If any loadcell connection are open at ON time then display will show "OPEN" for sometime.
- 2). If DISS=1,SAVE MODE (single zero) is used then after 20 seconds DP will start scrolling.
- 3). On PCB board big sized display (0.8"), two pair of single three digit display.

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 **PASWAD** (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.

PMS Technologies