

MANUAL FOR PMP MOTHER BOARD AND CHARGER

MOTHER BOARD CONNECTIONS /	SUPPLY CONNECTIONS
CN1 = DISPLAY CONNECTER	TXR = TRANSFORMER
CN2= BUZZER CONNECTER	B+ = BATTERY PLUS
CN3= KEYS CONNECTER	SW = ON/OFF SWITCH
CN4 = RS232 CONNECTER	PLED = POWER LED
CN5 = LOAD CELL CONNECTER	BLED = BATTERY LED
CN6 = POWER SUPPLY CONNECTER	BLOW = BATTERY LOW

GND , +5V = SUPPLY CONNECTION

KEYS = TARE/ENTER KEY= FIRST KEY= MICRO PIN NO.5
M+ KEY = SECOND KEY = MICRO PIN NO. 6
MR KEY = THIRD KEY = MICRO PIN NO.7
MODE KEY = FOURTH KEY = MICRO PIN NO. 8

OPERATIONS / SETTINGS

STEP1

Hold MR key power on
UNLOC = Enter Master password (2011)
CHPASS = Change machine password
FNAME = Enter Farm name

STEP2

Hold M+ key power = (Enter machine password)
L1= linearity setting from zero to 1/3 capacity of machine
L2= linearity setting from 1/3 capacity to 2/3 capacity of machine
L3= linearity setting from 2/3 capacity to full capacity of machine
(0-5 counts use for positive linearity setting,
6-9 counts use for negative linearity setting)
GAIN= gain setting (1- 5)
GAIN = $\frac{\text{cap. Of load cell}}{\text{cap. Of machine}}$ (near about value 1,2,3,4,5 ect.)

MF= mode function selection: For normal cards

1= counting
2= setpoints
3= litre

d) DSS= display saving mode 0 = weigh mode

1= last single zero , or only last DP

e) DIT = display intensity setting (optional) 0 = highest intensity
1= medium intensity
2=low intensity

f) A-0= auto-zero tracking counts (0- 9)

g) DU-0 = dummy zero 0= normal weighing without dummy zero

1= with dummy zero

2= dual accuracy (0.5/1) or (5/10)

- h) **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
- i) **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
- j) **CAP-3**= scale capacity (enter)
DP3 = decimal point (DP) of cap3
FD3 = accuracy class (FIRST DIGIT) of cap3
- k) **LITD**= litre density (enter)
 enter weight in grams for one litre capacity.

CALIBRATION

Make sure that the Machine is in weighing mode
 Keep Weight on the Pan/ platform (near 30% of m/c capt.)
 Press MR key and hold then press MODE key
 Display show PASSWD (Enter)
 If display show READML (Then check your load)
 Display show 00000 (feed above weight by M+& MR Keys)
 Press ENTER to complete calibration
 Now check machine's complete dynamic range and feed
 Value of linearity as required.

COUNTING

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

MEMORY

Press M+ key = display show total memory
 Press MR key = Memory recalling
 Press MR key release then press MODE key = memory clear

SETPOINTS

This function use for check weighing
 For check weighing MF =2
 Press MODE key for SETP-1
 Set value of first set point (Enter)
 Press MODE key again for SETP-2
 Set value of second set point (Enter)
 Buzzer will be give sound if weight in between above set points limits

