

WEIGHING SCALE CARD MANUAL

S14 6 VOLTS

(75.70mm X 86.40mm)

Key Features:

1. Based on 20 Bit Sigma - Delta ADC with maximum 1,00,000 counts.
2. ADC section protected with imported USA make solution for **Moisture Protection**.
3. Net/Gross function.
4. Piece counting, M+, Hold, Litre/Kg.
5. Three step Capacity with three step Accuracy.
6. Sleep mode function with Single Dot, Single Zero, Segment Dimming at idle time for Battery Saving.
7. Dummy zero activation.
8. Can use 0.56", 0.8", 1" and Dual Display.
9. Calibration and function lock with customized password.
10. User friendly Firm name feeding.
11. Reverse battery, Keypad, ADC, Buzzer and all ports are Protected for long life and zero environment disturbance.
12. **Battery Backup** upto 45 Hours* guaranteed.

Note: Master Password: 7777

• FUNCTION OF CARD:

TO KNOW IF MACHINE IS WORKING PROPERLY

Press Key1 and Key4 and Switch ON The Machine. Release Both Keys after 2 seconds, Card will enter into COUNT MODE, Put Weight on Platform and Counts will Increase.

If There Is No Change, Check Loadcell Connections or Loadcell.

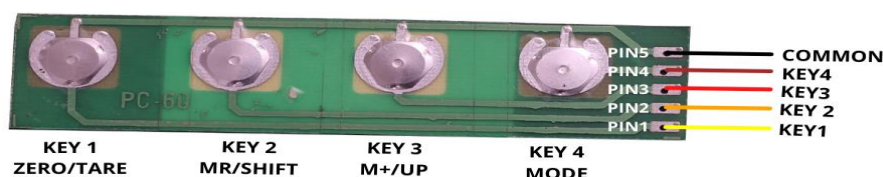
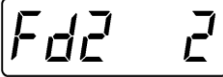
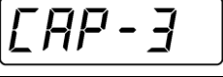

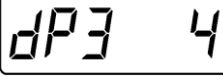
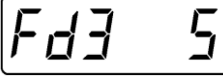
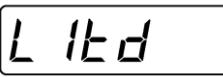
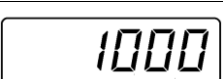



Figure 1 Keypad Connection Diagram.

• **SET PARAMETERS:** LONG PRESS 'KEY2' AND SWITCH 'ON' THE MACHINE

DISPLAY	All Parameter 'UP' By KEY3, 'SHIFT' By KEY2 And 'ENTER' by KEY1.	FUNCTION
EntEr	If Set Password Then Enter Password, else Press 'KEY1'	
NF 1	For <u>Piece counting</u> Set '0', For <u>M+</u> set '1', For <u>Litre</u> set '2' and for <u>Hold</u> function set '3'. Press 'KEY1' To Enter.	MODE FUNCTION
d 155 0	For Default without sleep set '0', For SINGLE ZERO after few seconds Set '1', For SINGLE DOT POINT Set '2'. For DISPLAY DIMMING Set '3', Then, Press KEY1 To Enter.	SLEEP MODE
StAb 3		STABILITY
232 00	NOT AVAILABLE	NOT AVAILABLE
SPd 3	4 step speed function, '0' is minimum and '3' is maximum. This mode is to adjust values display speed.	SPEED MODE
ALC 1	Default set '1' in air lock mode. To disable, Put '0', Then, Press KEY1 To Enter.	AIR LOCKING
A-0 1	For zero tracking. Normally set 1. Range 0-9. Press KEY1 To Enter.	AUTO ZERO
du-0 0	Normal weighing - '0', if need Extra zero '1', Press KEY1 to enter. For Example, in '0' = 3.1 kg, '1' = 3.1 <u>0</u> kg.	DUMMY ZERO
CAP-1	This is capacity one. Press KEY1 To Enter.	CAPACITY-1
10000	Set capacity one. Press KEY1 To Enter.	
dP1 4	This is for decimal point up to capacity one. For 0.000 = 4 and for 0.00 = 3. Press KEY1 To Enter.	DECIMAL POINT
Fd1 1	For accuracy up to capacity one. '1'=1kg, '2'=2kg, '5'=5kg and 10=10kg. Press KEY1 To Enter.	ACCURACY-1
CAP-2	This is capacity TWO. Press KEY1 To Enter.	CAPACITY-2
20000	Set capacity TWO. Press KEY1 To Enter.	
dP2 4	This is for decimal point up to capacity TWO. For 0.000 = 4 and for 0.00 = 3. Press KEY1 To Enter.	DECIMAL POINT

	For accuracy up to capacity TWO. 01=1kg, 02=2kg, 05=5kg and 10=10kg. Press KEY1 To Enter.	ACCURACY-2
	This is final capacity after which sorry will show on screen. Press KEY1 To Enter.	CAPACITY-3
	Set final capacity. Press KEY1 To Enter.	
	This is for decimal point up to final capacity. For 0.000 = 4 and for 0.00 = 3. Press KEY1 To Enter.	DECIMAL POINT
	For accuracy up to final capacity. 01=1kg, 02=2kg, 05=5kg and 10=10kg. Press KEY1 To Enter.	ACCURACY-3
	To open LITRE DENSITY Function---Go to HELP enter '7777', Make STYL = '2'. Then go to ENTER settings, Make nf = '2'. Press KEY1 To Enter.	LITRE DENSITY
	SET LITRE DENSITY HERE. Press KEY1 To Enter.	
	Default is '1', and to show dot on display make it '0' Press KEY1 To Enter. Press KEY4 to switch modes.	LITRE 'L' DISPLAY

• **PIECE COUNTING:**

- Put '0' in nF in Enter Parameter. Switch on the machine and put some counted pieces on the machine, Press KEY4 and now machine is in Piece Counting Mode and display will show 'P.'
- If pieces are not OK then press KEY3 and display will show 'COUNT', Now press KEY1, Display show 'Ent PC', Now press KEY1 to Enter, Display will show '00000' Here with the help of Key3 and Key4, Enter the number of pieces on Panel.
- Finally Press key1 and Machine will show the no. of Pieces
- To switch between WEIGHT and PIECES MODE, USE KEY4.



- **CALIBRATION:** - Switch on Machine and Wait For '0.000'. To enter calibration mode, long press 'KEY 4' or Press 'KEY3 and KEY4' together.

DISPLAY	All Parameter 'UP' By KEY3, 'SHIFT' By KEY2 And 'ENTER' by KEY1.
	After Stability Dot. Place the weigh on the Panel. Choose the weight such that it is approximately 1/3 of the total capacity of loadcell. Then Press Key1.
	If Set Password Then Type Password By KEY2 And KEY3 And Press KEY1 To Enter. Otherwise by pressing KEY1 display will be 05000.
	Type Load Weight by KEY2 And KEY3 And Press KEY1 To Enter.

Note- If display show , there is problem with loadcell wiring and card is not sensing the loadcell.

- **SET FIRM NAME:** LONG PRESS KEY3 and Switch on the Machine, Display Will Show 'HELP'.

DISPLAY	All Parameter 'UP' By KEY3, 'SHIFT' By KEY2 And 'ENTER' by KEY1.	
	Press KEY1 And Enter Master Password. (7777) Press KEY1 To Enter.	
	Press KEY1 To Enter.	
	If Want Password in Calibration and Parameter, Type password, Press KEY1 To Enter.	Password ENTER parameter
	Press KEY1 To Enter.	Firm Name - 1 part
	By pressing KEY2 and KEY3, Type Firm Name as per you need to show while Switching on the machine. Press KEY1 To Enter.	Enter Firm Name
	Press KEY1 To Enter.	Firm Name - 2nd part

	<p>Feed second part of Firm Name. Press KEY1 To Enter.</p>	<p>Enter Firm Name</p>
	<p>This is for Litre function, put '9' to switch it on. Remember- nF should be '2'. To switch on first in WEIGHT MODE put 'ld' as '8' and USE KEY4 to switch Press KEY1 To Enter.</p>	<p>ID Parameter</p>

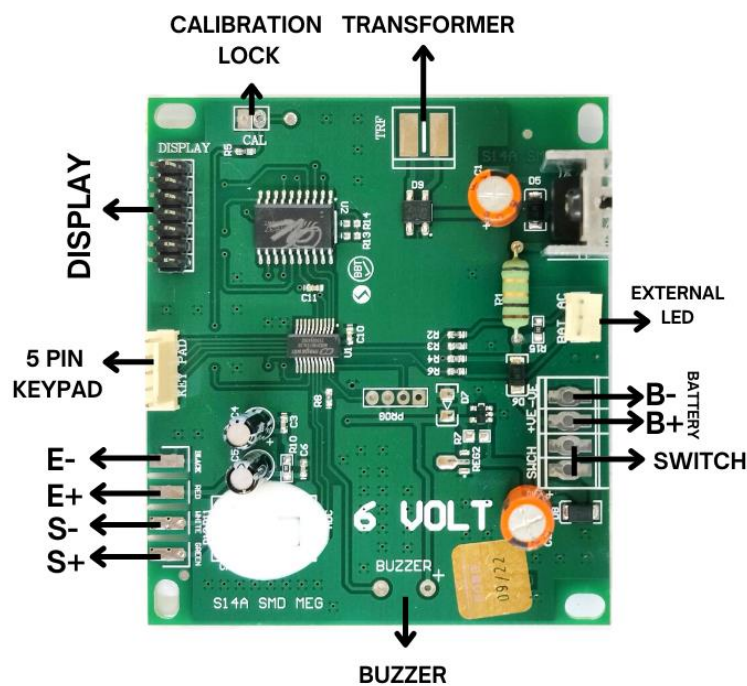


Figure 2 S14 SMD CONNECTION DIAGRAM



"NOTE"

PLEASE REMOVE PLASTIC BUBBLE PACKAGING BEFORE INSTALLATION AS IT MIGHT CREATE A STATIC CHARGE. CARD MIGHT SHOW RUNNING