

USER MANUAL



Model : EPC Series

Provider of Lifestyle & Industrial Scales

Next to Prakash Memorial School, Upper Kharadi Road, Ubale Nagar, Wagholi, Pune - 412207

Contact: + 91- 020-48508100 | E-Mail: sales@egkantawalla.com | www.egkantawalla.com

*** Please read this manual attentively before using the scale.**

The function that is underlined in this manual will be subject to the specific product you bought.

I. General description :

EPC series price computing scale is a bench like multifunctional weighing apparatus. This scale is assembled by using the advanced and imported single chip processor and high precision load cell and featured by the quick and accurate in weighing and stable and reliable in its performance and can be used for more than one month after charged. It is compete in functions and easy to use and clear to see the reading as well. Also it has the function to prevent from being defraud. It can widely used in the commercial sector and other sectors for weighing purpose.

Provider of Lifestyle & Industrial Scales

Next to Prakash Memorial School, Upper Kharadi Road, Ubale Nagar, Wagholi, Pune - 412207

Contact: + 91- 020-48508100 | E-Mail: sales@egkantawalla.com | www.egkantawalla.com

II. Main Technical Parameters :

1. Assembly - Industrial grade ABS Material Assembly.
2. Sampling speed - 40 times/second.
2. Weight Sensor - Aluminium Loadcell - IP65.
3. Keypad - 20 keys.
4. No. of Display - 3 window display.
5. Display Type - LED display (Green LED).
6. Digit Height - 15 mm digit height.
7. Display : 3 window display

Window 1 : Total Weight : 5 digits, Window 2 : Unit Price : 5 digits,

Window 3 : Total Amount : 6 digits.
8. Calibration Method - External Calibration.
9. Stable Time - <3sec.
10. Operating Humidity - 80% RH Max (Non - Condensing).
10. Over-load - 100 % Of Scale Capacity +9e.
11. Full Capacity Tare.
12. Power Supply - 110 to 230 V, AC 50 Hz.
13. Operating Temperature - +10 deg to +40 deg.
18. Battery Capacity - Lead Acid - 6 V, 5 Ah.
19. Battery Backup - Estimated 8-10 hrs on full charge.
20. Mounting Type - Table Mount.

Provider of Lifestyle & Industrial Scales

Next to Prakash Memorial School, Upper Kharadi Road, Ubale Nagar, Wagholi, Pune - 412207

Contact: + 91- 020-48508100 | E-Mail: sales@egkantawalla.com | www.egkantawalla.com

III. Main functions :

1. Calibration by the key board (lock for software and hardware).
2. Zero Tracking.
3. Zero & Tare.
4. Unit price input.
5. Unit price storage.
6. Amount accumulation.
7. Clearance of the unit price.
8. Alarm when overloaded and overvalued.
9. Reminder when errored.
10. AC and DC power supply.
11. Auto sleep mode for power saving.

IV. Operation and Use :

1. Turn on

A. When AC is used, plug the attaching plug, do not put anything on the pan of the scale, turn on the power switch under the scale, the indication lamp is lit the scale entering in the self checking process and then into the weighing status. If the power is not sufficient, the scale enters into the recharging status.

B. The battery in the scale can supply the power where there is not AC power supply and in case of the battery that is free from maintenance and full of sufficient power.

C. After self checking, zero is tracking automatically. If the following phenomena happens, that means that the zero position is not normal "HHHHH" is seen in the displaying window and it sounds, that means that the zero position is too big (There is something on the pan of the scale) "LLLLL" is seen in the displaying window and it sounds, that means that the zero position is too small (There is nothing on the pan of the scale) When the scale is free from being weighted and in the zero position after self checking, the voltage of the battery that is free from being maintained can be checked by itself and "dc x.xx" can be seen in the Amount Window.

D. If the indicating lamp for insufficient power is lit or the scale is turned off at once after turned on in the place where there is not AC supply, that means that the battery is insufficient and must be recharged by AC immediately.

E. When the weighing capacity is seen as the zero, the scale enters into the low power consumption status for staying, ""is seen only in the WEIGHT WINDOW and other display windows are quenched When the pan of the scale is put by some objects or pressed by the user, the scale will enter into the weighing and price computing status again

2. Unit Price Input : press the number key and decimal key with your hand only.

3. Unit Price Clear : Press "CLEAR" key or the key-press is on the interval of 5 seconds and then the unit price is automatically renewed and you can input the new unit price.

4. Unit Price Save : Press "SAVE" key first and then the number key and decimal key to input the unit price and finally press the corresponding save unit price key (for example "Unit Price 1" "Unit Price 8").

5. Unit Price Transfer : Press the corresponding save unit price key directly, for example, ("Unit Price 1","Unit Price 8")

6. Zero and Tare :

A. ZERO : When the weight on the pan of the scale is $<3\%$ F_s , it is valid to press "ZERO" key, at this time, the weight is seen as zero in the display window and the indicating lamp for the zero is lit

B. TARE : When the weight on the pan of the scale is $<100\%$ F_s , it is valid to press "TARE" key, at this moment, the indicating lamp for the tare is lit and the tare is cleared.

7. Amount Accumulation : Accumulation is displayed and cleared

A. Amount Accumulation : When the Weight Window is seen as the zero, put the weighted object on the pan of the scale and input the unit price and then press "ADD" key after the reading is stable and at this moment, "AddXX", the accumulating times is seen in the Unit Price Window and the accumulated amount is seen in the Amount Window. After one time of accumulation is finished, it is necessary to start next accumulation by returning the weight to "0"

B. Accumulation Amount Check : When the weight is seen as "0", press "ADD" KEY and you may check the accumulated amount.

Provider of Lifestyle & Industrial Scales

Next to Prakash Memorial School, Upper Kharadi Road, Ubale Nagar, Wagholi, Pune - 412207

Contact: + 91- 020-48508100 | E-Mail: sales@egkantawalla.com | www.egkantawalla.com

C. Accumulated Amount Clear : In status of amount accumulation, press "CLEAR" key, the Unit Price Window is seen as "tot 0" and the Amount Window is seen as "0.00". that means that the accumulated times and amount have been cleared

8. Alarm for overload and reminder for the error :

Alarm for overload: When overloaded, the Weight Window is seen as "FULL" and it sounds. When downloaded, the Weight Window is seen as -FULL"

9. Battery Voltage Checking :

The scale can check the battery voltage automatically, It will sound when the voltage is not sufficient when it sounds, you must immediately recharge the battery. When the weight is displayed at "0", you can press "Voltage" key and then see "dcx.xx" the voltage value. It will return to the price computing status some seconds later.

V. Attentions :

1. The electronic scale will not be used in the following places :
 - A. Where it is vibration and vibrated and blowed by the air conditioner and fan.
 - B. Where it is disturbed by the intensified electromagnetic field.
 - C. Where it is of high temperature, dust and humid.
2. The electronic scale is a precision electronic product. It is forbidden to put the object that is more than the maximum weighing capacity on the pan of the scale. Otherwise, the load cell in the scale will be damaged.
3. When putting the objects on the pan of the scale, the strike should be avoided to prevent the load cell from being damaged.
4. When the scale is used for the first time or after stop using the scale for a long time, you must to use the AC power supply to make sure that the DC recharge by AC and the normal use of the DC power supply. If the scale is not used for a long time, the battery must be recharged in full and then recharge it very two months.

5. When the battery is replaced, the anode of the battery (red) is connected to the red lined end in the battery compartment, the cathode of the battery (black) in the battery compartment is connected to the black line end.

VI. Calibration and Maintain :

1. In order to ensure the correctness of the price computing scale and abide by the relevant regulations enacted by the authorities, the scales must be sent to the department designated or authorized by the Local Technological Supervision Bureau for checking and maintain

2. If any change to the scale occurs due to vibration or environment temperature, it is suggested to calibrate the correctness of the scale by calibrating the scale with the same weighing object and the electronic scale for justice used in the market department

3. While checking the measurement, it is also needed to maintain the scale. The product is not completely sealed product though it is waterproof. It is inadvisable to wash the scale. Otherwise, the inflow into scale of the brine or other corrosive liquid should be avoided. When cleaning the scale, you can clean the panel with the wet towel properly

Provider of Lifestyle & Industrial Scales

Next to Prakash Memorial School, Upper Kharadi Road, Ubale Nagar, Wagholi, Pune - 412207

Contact: + 91- 020-48508100 | E-Mail: sales@egkantawalla.com | www.egkantawalla.com