

SPAN CALIBRATION FOR ED-SERIES

FULL CAPACITY CALIBRATION

1. Make sure the scale is off.
2. Remove the two SEALING BOLTS and the CALIBRATION PLATE under the scale. Under the plate is the calibration switch.
3. Press and hold the switch while turning the scale on. The display will show “ONE” and then “CAL 1”. Release the calibration switch.
4. Use the “PRINT” key to select the cal mode {cal1 to cal 11}. The “SET” key enters the cal setting. If a per cent calibration is to be performed proceed to per cent calibration.
5. Before doing the calibration the middle up/down value has to be known. To do this go to “CAL 10” by pressing the “PRINT” key twice. Press the “SET” key to enter into the setting. First is “UNIT” then a number. The number represents the unit of calibration. 1 is for LBS and 0 is for KG.
6. Press the “SET” key and the display will show “CAPA” and then the scales capacity. Press the “SET” key and the display will show “ \bar{n} Id”. This is the middle up/down weight to be used in the calibration. This value CANNOT be set to 0. The value must be between 10-90 percent of capacity of the scale expressed as weight not a percentage “▲”, “▼/PRINT”, “◀/MODE”, and “▶/SAMPLE” keys. Make note of this value and keep pressing the “SET” key to get back to “CAL 10”.
7. Press the “PRINT” key until the display shows “CAL 3”. Press the “SET” key to enter into calibration.
8. The display will show “2ErO”. With the platter on the scale and nothing on the platter press the “SET” key. The display will show raw internal counts and then display “ \bar{n} IdUP”. Place the weight on the platter that was noted in step 6.
9. Press the “SET” key. The display will show internal counts and then “FULL”. Either remove the weight and/or add weights so that the full capacity weight of the scale is on the platter and press the “SET” key.
10. The display will show internal counts and then display “ \bar{n} Iddn”. Put the same weight used in step 8 on the platter. Press the “SET” key. The display will show internal counts and then go back to “CAL 3”. Remove the weight from the platter.
11. Press the “ZERO” key. The scale will display the version, count up, and go into the weigh mode.

PER CENT CALIBRATION

1. Press the “PRINT” key until the display shows “CAL 7”. Press the “SET” key to enter into per cent calibration.
2. The display will show “Per 10”. The “PRINT” key will increment the flashing digit and the “SAMPLE” key will select which digit is flashing. When the per cent is set press the “SET” key.
3. The display will show “2ErO”. With the platter on the scale and nothing on the platter press the “SET” key. The display will show internal counts and then display “P5Pan”.

4. Put the per cent of weight on the platter that was specified in step 2. Press the **“SET”** key. The display will show internal counts and then go back to **“CAL 7”**. Remove the weight from the platter. Press the **“ZERO”** key. The scale will display the version, count up, and go into the weigh mode.