# SPAN CALIBRATION FOR SW1N-SERIES
## FULL CAPACITY CALIBRATION

1. Make sure the scale is off.  Remove the platter assembly (metal and/or plastic platform.)

2. On the right hand side you will find a hole and a screw at the bottom.  This is the sealing screw. Remove the sealing screw and then turn the scale upside down to find the calibration screw and silver plate  located on the right side of the bottom of the scale (if keyboard is facing you and you tilt the scale upwards by the front.)

3. Remove the calibration screw and the silver plate.  Under the plate is the calibration switch.

4. Press and hold the switch while turning the scale on. The display will show **"ONE"** and then **"CAL 1"** then release the calibration switch.

5. The **"TARE"** key advances through the cal settings whereas the **"UNIT"** goes down. The **"ZERO"** key enters the cal setting. If a per cent calibration is to be performed proceed to per cent calibration.

6. Before doing the calibration the middle up/down value has to be known. To do this go to **"CAL 10"** by pressing the **"UNIT"** key twice. Press the **"ZERO"** 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.

7. Press the **"ZERO"** key and the display will show **"CAPA"** and then the scales capacity. Press the **"ZERO"** key and the display will show **"$\bar{n}$ld"**. This is the middle up/down weight to be used in the calibration. This value CANNOT be set to 0. It must be between 10-90% expressed as weight not a percentage. Input a value to use by using the **"TARE"** and **"UNIT"** keys. Make note of this value and keep pressing the **"ZERO"** key to get back to **"CAL 10"**.

8. Press the **"UNIT"** key until the display shows **"CAL 3"**. Press the **"ZERO"** key to enter into calibration.

9. The display will show **"2ErO"**. With the platter on the scale and nothing on the platter press the **"ZERO"** key. The display will show raw internal counts and then display **"$\bar{n}$ldUP"**. Place the weight on the platter that was noted in step 7.

10. Press the **"ZERO"** 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 **"ZERO"** key.

11. The display will show internal counts and then display **"$\bar{n}$lddn"**. Put the same weight used in step 9 on the platter. Press the **"ZERO"** key. The display will show internal counts and the go back to **"CAL 3"**. Remove the weight from the platter.

12. Turn the scale off and then back on. The scale will display the version, count up, and go into the weigh mode.

## PER CENT CALIBRATION

1. Press the **"TARE"** key until the display shows **"CAL 7"**. Press the **"ZERO"** key to enter into per cent calibration.

2. The display will show **"Per 10"**. The **"UNIT"** key will increment the flashing digit and the **"TARE"** key will select which digit is flashing. When the per cent is set press the **"ZERO"** key.

3. The display will show **"2ErO"**. With the platter on the scale and nothing on the platter press the **"ZERO"** 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 **"ZERO"** key. The display will show internal counts and then go back to **"CAL 7"**. Remove the weight from the platter. Turn the scale off and back on. The scale will display the version, count up, and go into the weigh mode.