Z2000 / C2020 Tank Gauge Set-Up
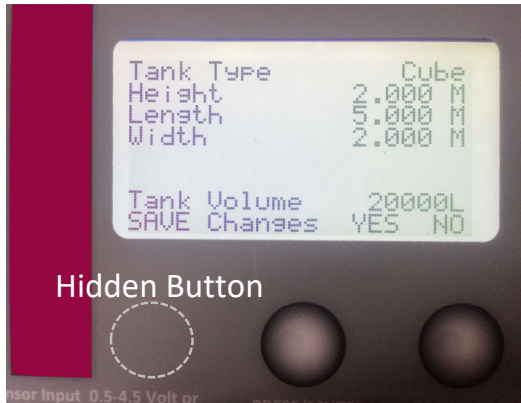
1 To Calibrate the Gauge, Open the front cover 4 screws, **Connect the Tank Probe, and Power the unit**.
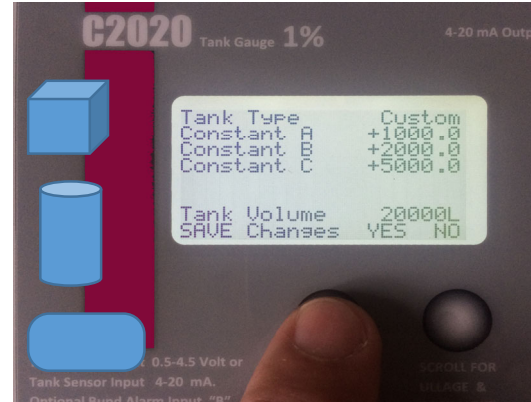Toggle the calibration switch, top right marked CAL (LK2)

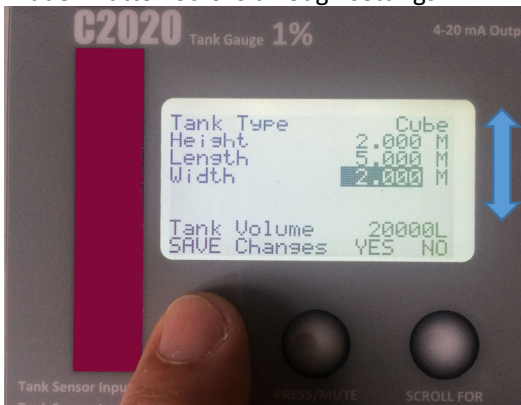The first screen to show is a "Cube Tank"   Middle Button Scrolls through Tank Type Options
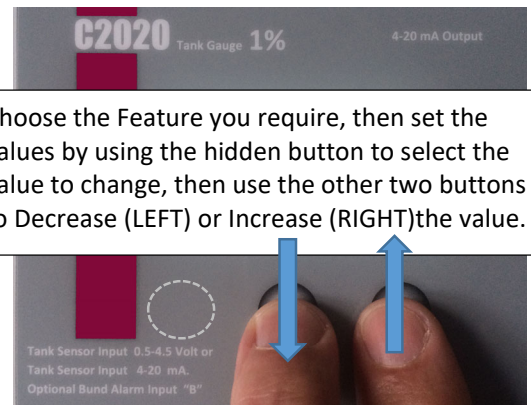
2

Hidden Button

3

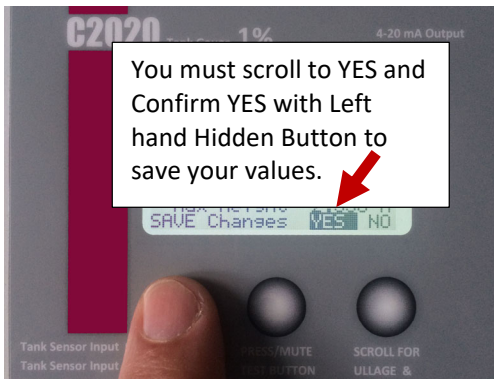Hidden Button Scrolls through settings.

4

5 Choose the Feature you require, then set the values by using the hidden button to select the value to change, then use the other two buttons to Decrease (LEFT) or Increase (RIGHT) the value.

You Must Scroll to YES and use the **Hidden** button to Confirm **YES** for all Screens
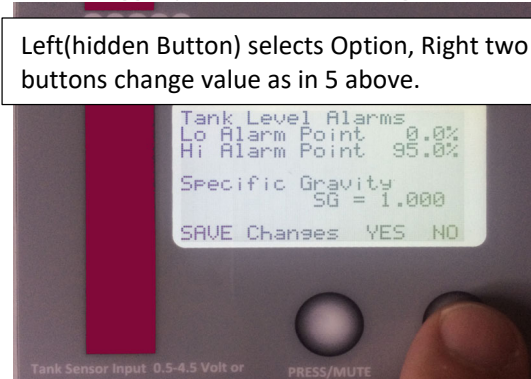
6 You must scroll to YES and Confirm YES with Left hand Hidden Button to save your values.

Now Use the **Right Button** to Scroll across to **Alarm** Trigger points and **SG** setting
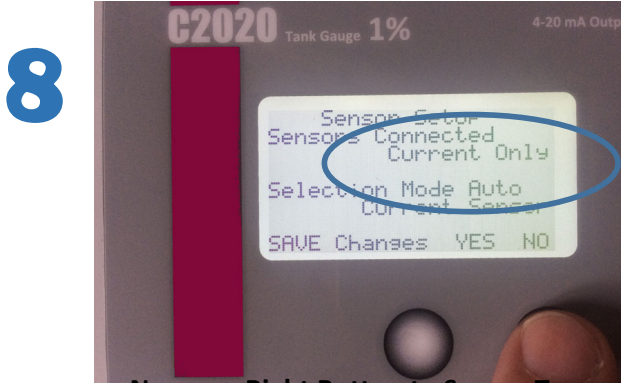
7 Left(hidden Button) selects Option, Right two buttons change value as in 5 above.
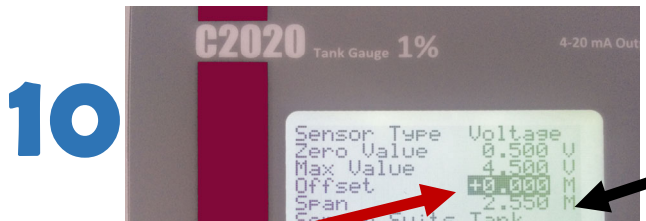
Z2000 / C2020

8 Now Use the **Right Button** to Scroll across to Sensor Selection.   The sensor should be connected at this point. This should be Automatic and read either Voltage or Current

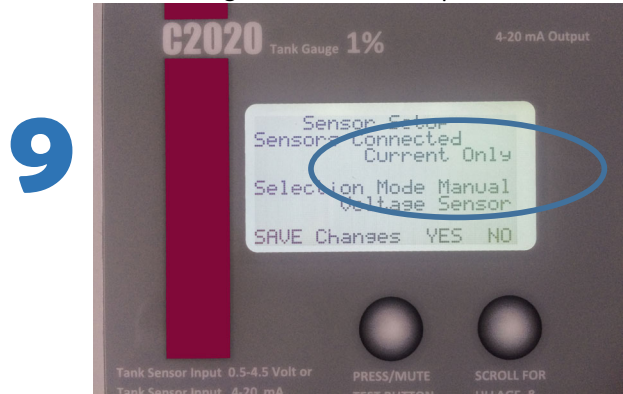**Now use Right Button to Sensor Type screen**

9 If it needs to be changed, Use the Right Button to Set Voltage or Current as required.

10

Sensor Offset.
How far from the bottom of the tank is the sensor positioned. Enter this here.
As standard we would recommend 50 mm which is 0.05 M   Curser Confirm **YES**
The Gauge will now read the litres value for this offset level*. It will not be Zero*

11 **Sensor "Span".**
As Standard this comes set for 2.55 M.
Change this to suit the sensor range you have
C22 = 2.55 M C23 = 3.0 M
C25 = 5.0 M   C27 = 10.0 M

Curser (Hidden button) **YES**

12 **END** Toggle the switch
Gauge returns to
Standard Readings

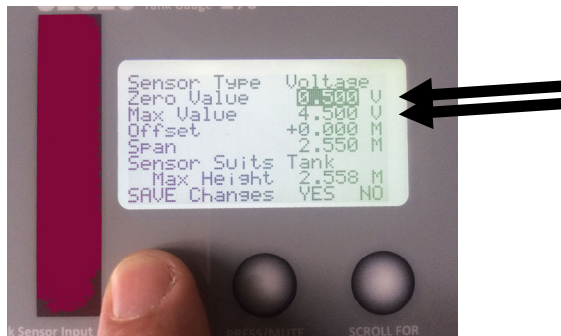# High Accuracy Calibration Adjustments   (Advanced settings)

For fine tune Calibration, the Sensor Settings can be adjusted to suit the individual sensor.

For Voltage sensor, the Zero Value and the Max Value can be adjusted up or down to suit.
(Both must be adjusted the same amount)
If Gauge reads LOW, increase these values. (max +0.05)
If Gauge reads HIGH, decrease these values (max -0.05)

For Current sensor, the Zero Value can be adjusted up or down to suit.(Max self adjusts)

If Gauge reads LOW, increase these values.
If Gauge reads HIGH, decrease these values

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