

Z2000 / C2020 Tank Gauge Set-Up

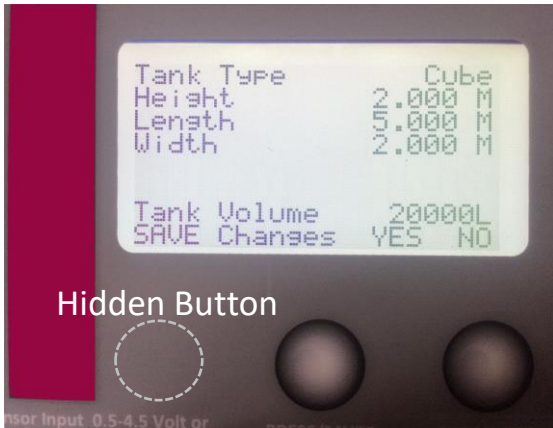
1

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)



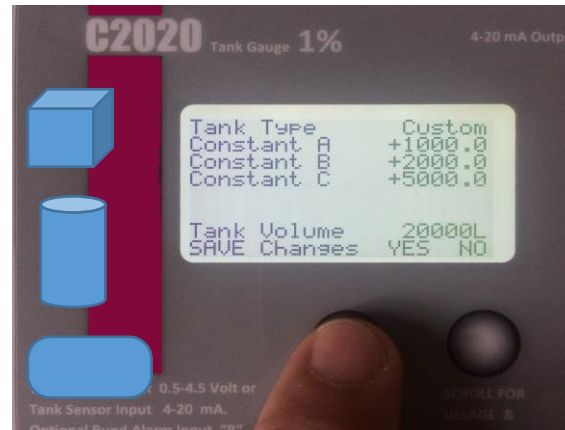
The first screen to show is a "Cube Tank" Middle Button Scrolls through Tank Type Options

2



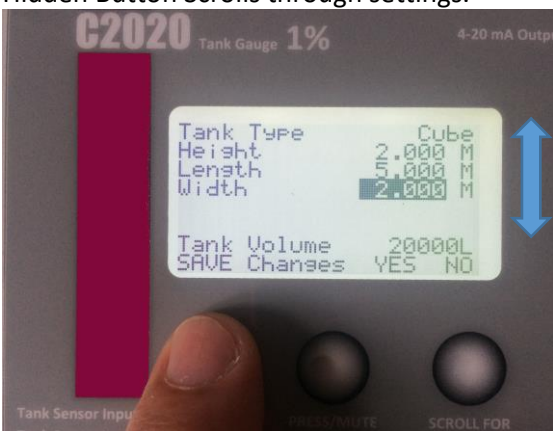
Hidden Button

3

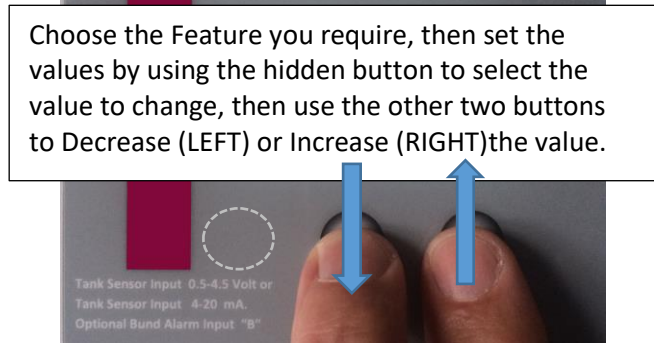


Hidden Button Scrolls through settings.

4



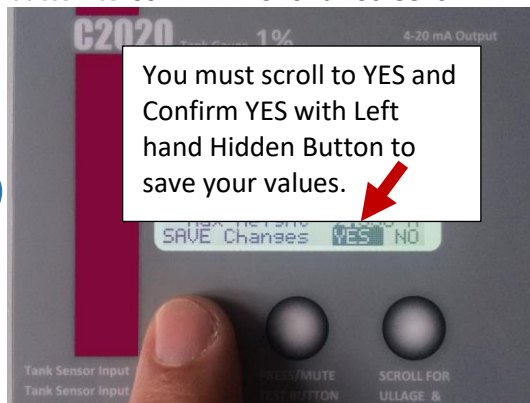
5



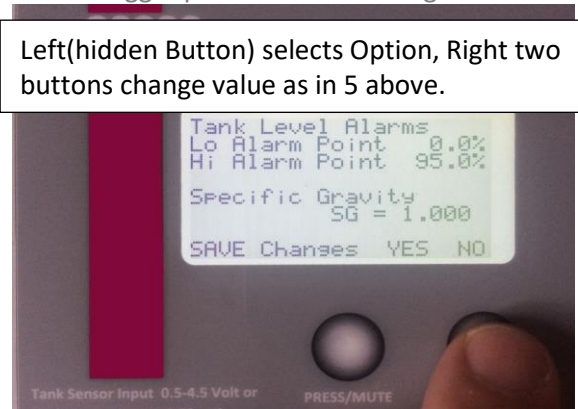
You Must Scroll to YES and use the **Hidden** button to **Confirm YES** for all Screens

Now Use the **Right Button** to Scroll across to **Alarm** Trigger points and **SG** setting

6



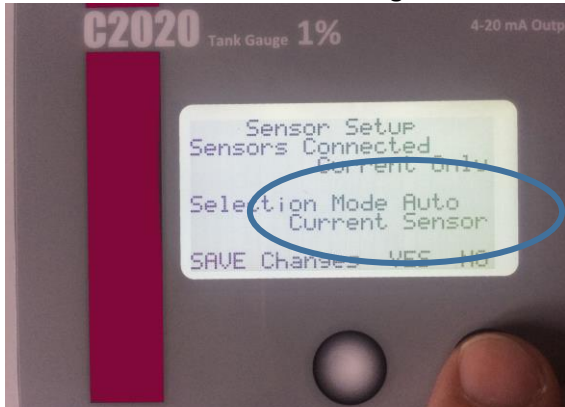
7



Z2000 / C2020

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

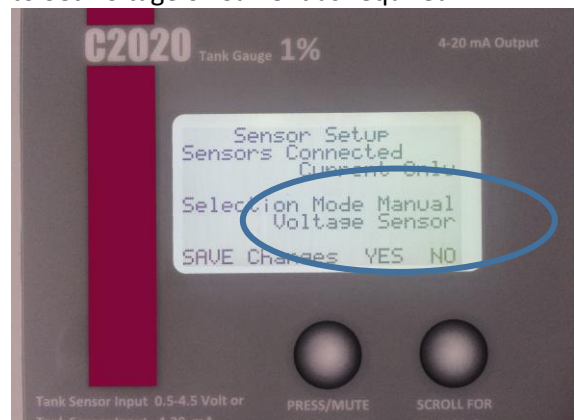
8



Tank Gauge Set-Up Stage 2

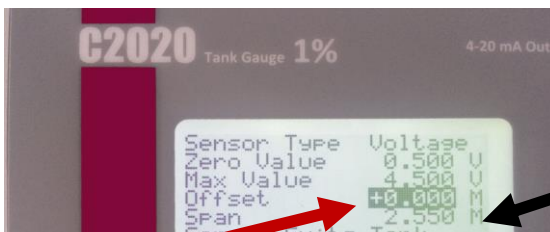
If it needs to be changed, Use the Right Button to Set Voltage or Current as required.

9



Now use Right Button to Sensor Type screen

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

Cursor (Hidden button) **YES**

12

END Toggle the switch Gauge returns to Standard Readings



High Accuracy Calibration Adjustments (Advanced settings)

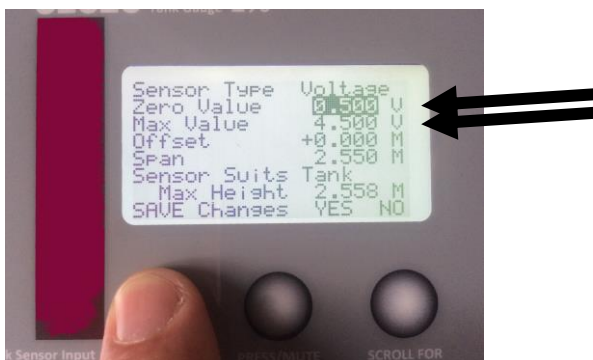
For fine tune Calibration, the Sensor Settings can be adjusted to suit the individual sensor.

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

