

Question	Answer
Q Do I have bolt on or direct support sensors?	A Bolt on systems have sensors that are usually bolted on the legs, cross beams or the skirt of the vessel. Direct support sensors are usually under the vessel legs or the vessel is being suspended from the sensor.
Q How do I make my SVS2000 work with full bridge sensors?	A Move the jumper at J5 from the half bridge position to the full bridge position and change function 63 to a gain of 32. This change will effect calibration.
Q Can I default the SVS2000 to all factory default parameters?	A There are 3 ways to default the SVS2000. 1. Turn the power off, then while holding the enter key apply power to the unit; you will need to keep the enter key depressed 3 seconds after applying power to the unit. 2. Push the gross key, press 6 6 0 0 enter enter and the unit will default. 3. Press the gross key, press 94 and push enter 4 times.
Q What is my working stress?	A The working stress is only asked for with bolt on systems, it is the calculated pounds per square inch (PSI) or stress. You can find the formula for this in the microcell, L-cell or bolt on manual.
Q When asked for the current live load what does that mean?	A Current live load is the weight of material in the vessel not including the vessel weight at that time.
Q How can I check if my sensor input is good?	A Press 69 enter enter and press the arrow key until the display shows senseout with the units being mV. This is the millivolt signal from the sensors.
Q My 0-20mA or 4-20mA does not read right, why?	A The SVS2000 is not factory set for the weight values you want for 20mA or 0/4mA. Press 42 enter enter and using the numeric keypad enter the weight you want for 0/4mA. Press 43 enter enter and using the numeric keypad enter the weight you want for 20mA.
Q My vessel is empty but the 4mA output to my PLC does not show empty. Can I change or adjust that?	A The 20mA, 4mA and 0mA points can be adjusted. This does not affect calibration. Press 48 enter enter and you can use the arrow keys to select the 20mA, 4mA and 0mA points. Press enter at any of these points to adjust the number. Usually someone watches the PLC to see when the number is adjusted correctly. This is a trim function. This procedure is in the manual on page 8-4.



Question	Answer
Q How do I get the weight reading to display?	A Press either the gross key or net key.
Q During the quick config. I wanted to select tons but could not. Can the SVS2000 display tons?	A Yes, during the quick config, choose pounds as the units. After completing the quick config, you will need to change the function 11, display format. Choose XXXXXX. Change function 12, country to 1 and function 13, disp units to tons. Then you will need to change function 22, scale factor wgt. Divide the number by 2000 and that is the number of tons.
Q The display shows a bar graph display. How do I change from bar graph to numeric?	A Press the enter key, that toggles it between a bar graph display and numeric display.
Q What sensor cable do I use for my 3 wire sensors?	A Belden 8791 (18 Gage Stranded Conductors [7 x 26] 1.27 mm diam. Spiral Shield 78% Coverage) or equivalent is the cable for 3 wire sensors.
Q How many 350-ohm sensors can I use with the SVS2000?	A The maximum number of 350-ohm sensors is 14 @ 10 volts excitation.
Q How many L-Cells can I use with the SVS2000?	A The maximum number of L-Cells is 32 @ 12 volts excitation.

