PUSH BUTTON CALIBRATION

1. Put Sensor O-Ride in the “up” position.
2. Start the station with the lances hanging in free air, not in the test jug. Only air from the room should be sucking into the vacuum lance.
3. Press and hold the ZERO button until the reading stabilizes and the green light flashes.
4. Put the lance(s) through holes in the test jug that match the diameter of the gas filling holes in your actual spacer. If you are filling through the fourth corner opening then drill a series of holes in the test jug to closely match the size of the slot in the spacer. Confirm positive pressure (>0). If calibrating the RSGz in a small test jug, you may need to slightly pinch the output hose until the pressure stabilizes.
5. Press and hold the SPAN button until the reading stabilizes and the green light flashes. Don’t rush this step, it takes a bit of time for the argon gas to completely replace the air in the jug, hoses, and sensor cavity inside the machine before the reading stabilizes. Counting to 20 should be adequate in most situations. When the “Raw Sensor Bits” on the optional display has stabilized, this will also indicate a good time to press the SPAN button.
6. Put Sensor O-Ride in the “down” position and the machine will beep and shut off.

GAS LEVEL ADJUST

When all the switches are to the left, the station will beep and shut off when the IGU is approximately 90% full. There are many variables so 90% is only used as an approximation. Positioning the switches to the right will increase the fill percentage. For example, if the switches 2 and 8 are pointing to the left and 1 and 4 are to the right then the anticipated fill percentage would be 90+1+4 = 95%.