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%.

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BUTTONS	Quick Calibration Procedure									
SPAN	$\mathbb{R} \subseteq \mathbb{R}$ 0 1. Sensor O-ride up.									
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ZERO	, २ [−]	(R)	NC (4. Sta	tion r with	unning v 1/2" pc	with	lance(s) i	n test	
	G/Y		Ś	5. Pres	ss Sp	an butto		ntil flashin	ig green ligh	۱t
	≤ Inc	dicat	tor I	iahts	6. 5	Sensor C)-rid Zane	e down. at for eac	h station	
LIGHTS	∃ Di	iring	Cali	bration	:		(CpC			
GREEN	Red Flashing = Reading not stable, try again.									
	Green Flashing = Calibration successful.									۰.
RFD	FD Not During Calibration:									
	Green Flashing = Check thermal conductivity sensor.									
GAS LEVEL	FDR	DES	SIGI	N, INC.	Ī				-	
ADJUST	303 1	2th	Ave 3	South				THERM	<u>IAL</u>	
= 8	Buffa (763)	10, N 682	IN 55 -609	6313 6		2 <u>SENSO</u>	νĸ	CONDUC SENS	<u>livily</u> Or	
– 4 – 2	(763)	682	-619	7 (Fax)	To	Each Board		O Red/	/Black	
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RIGHT = on	Juico	e iui	ucor	g00111	OM	RED		ja Gree Z Yello	en W	
Nominal gas level = $90 + on$							7		Rev 12111	,
Example: 90+4+1 = 95				4	56		7 8		ì	