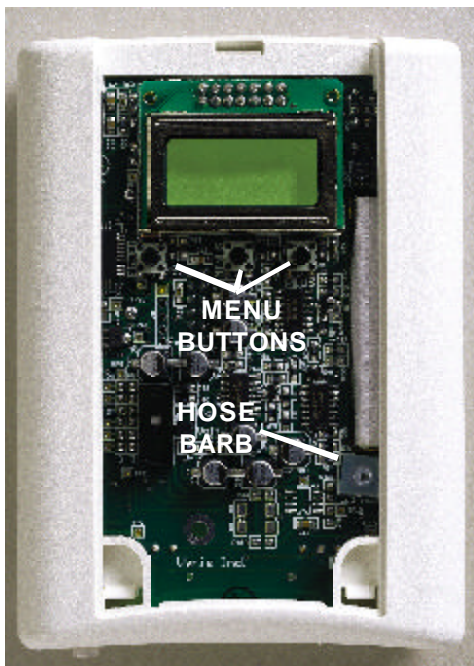


VERIS CX SERIES CALIBRATION INSTRUCTIONS



PREPARATION

1. Make sure unit to be calibrated has been properly installed and has been operating for at least one hour.
2. Use only Veris Industries calibration kit model C-500. Zero calibration is performed with Nitrogen gas. Span calibration is performed with 2000ppm CO2 gas. A flow regulator is required to limit gas flow to <1 lpm. Exceeding this flow rate may cause calibration errors.

SETUP

1. Install tubing to regulator and screw regulator on gas bottle.
2. Remove front cover from unit and locate plastic barb fitting and menu pushbuttons. A label indicating pushbutton functions is located inside front cover plate.
3. Attach tubing firmly to barb fitting.

CALIBRATION

1. Press ENTER button to enter configuration mode.
2. Press ENTER repeatedly until CO2 CAL menu option appears on the display:

C	O	2		C	A	L	?
*	Y	E	S			N	O

3. Press “+” to select YES option.

4. Using “+/-” buttons, select ZERO or SPAN calibration. Press ENTER to continue.

NOTE: C-500 kit includes Nitrogen gas for zero calibration ONLY. In most applications, span calibration is not required. Consult factory for optional span gas. Always perform ZERO calibration first!

*	Z	E	R	O		
	S	P	A	N		

5. Verify display indicates appropriate calibration and gas concentration (0ppm for ZERO / 2000ppm for SPAN) Press ENTER to continue.

Z	E	R	O		G	A	S
			0		P	P	M

6. Display should prompt to flow gas:

F	L	O	W		G	A	S
*		S	T	A	R	T	

Open regulator valve and adjust pressure to 7PSI. This will produce the appropriate flow rate. Press ENTER to begin countdown timer.

C	A	L		T	I	M	E
*	4	2	0		S	E	C

7. Wait for countdown timer to reach zero, and for display to indicate calibration is complete:

		D	O	N	E		
S	T	O	P		G	A	S

8. Close regulator valve and disconnect tubing from unit. Press ENTER to return to normal operation.

9. Replace sensor cover.

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