

HINT: As you approach the source of the leak, keep dialing down the rate of the audible "tick" by dialing down the thumb wheel which is located on the right side of the instrument.

IMPORTANT: When replacing the gooseneck into the clip on the right side, wrap the gooseneck in a wide circular manner counter-clockwise around the back of the instrument. Bending in the opposite direction may cause damage over the life of the product.

WARNINGS:

To prevent ignition of flammable or combustible atmospheres, disconnect power before servicing.

To reduce the risk of ignition of a flammable atmosphere, batteries must only be changed in an area known to be nonflammable.

Do not mix batteries of different age or type.

Not for use in atmospheres of oxygen greater than 21%.

ONLY zero instrument in a gas free environment.

To maintain intrinsic safety, service must be performed by factory authorized technicians with approved replacement parts only.



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QUICK-START INSTRUCTIONS

1. Install the batteries by pushing down the locking tab and sliding the handle away from the top of the instrument. When replacing handle be sure the tab is securely in place.

2. **IMPORTANT:** CAREFULLY OBSERVE POLARITY WHEN CHANGING BATTERIES. Incorrect installation can damage an internal "factory service only" fuse.

3. Locate button "A" – push & hold until the unit powers up, then release the power button.

4. Allow unit to go through the warm up sequence in clean air. At the end of warm up, the unit will auto zero and enter the working display. This requires from 40 up to 180 seconds.

5. If **FAIL** is displayed for any of the sensor readings, make sure the instrument is in clean air; push and hold the "C" button until AUTO ZERO is displayed. If this process does not clear the fail on the display, this could indicate a problem with the instrument or sensor.

6. Look at the display – LEL, CO, O2 and H2S readings are displayed. (An "X" appears when the particular sensor is NOT installed.)



7. Extend the goose neck (the LEL sensor and filter cap is at the tip).

8. Place your finger over the inlet and wait ~5 seconds for "FLOW BLOCKED" to appear on the display. Change cap and "O" rings if it does not show "FLOW BLOCKED".

9. You are now ready to use the instrument. You can now enter the area and detect gases.

10. Once the environment is determined to be safe to work in, if the source of an odor needs to be located, the thumb wheel can be rotated to be heard at a comfortable tick rate. Once an investigation is begun, as the instrument is moved closer to a combustible source, the tick rate will increase. The thumb wheel can then be rotated back to the comfortable rate and the investigation continued until the source is located.

11. Press and hold the "C" button to zero the instrument. (only in a gas free area).

12. When your investigation is complete, roll the thumb wheel back down and click it to the off position, push button "A" and hold for 5 seconds until the instrument displays "POWER OFF" then release to shut off.