

**NOTE:** Start in a gas-free environment

**IMPORTANT:** Periodically test using known samples of gas from 10ppm Ethane/1000ppm Methane mix bottle.

**WARNINGS:**

To prevent the risk of ignition of a flammable atmosphere, batteries must only be changed in an area known to be non-hazardous.

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

Substitution of components may impair intrinsic safety.

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



851 Transport Drive Phone: 219 465 2700  
Valparaiso, IN 46383-8432 Web: [www.gasleaksensors.com](http://www.gasleaksensors.com)

— Innovative Detection Solutions —

**MADE IN THE USA**  
WITH GLOBALLY SOURCED COMPONENTS

Distributed by:

## Quick-Start Instructions



This is not a substitute for the instruction manual. It is for reference only.

Read and understand the instruction manual before use.

# SENSIT® IRED

## QUICK-START INSTRUCTIONS

1. Install a fully charged battery pack by aligning the top of the battery with the latches in the instrument housing. Lower the bottom of the battery into place. Use the ¼ turn locking screws to secure the battery pack in place.
2. Be certain the filter assembly has a filter disc within the housing.
3. Locate button "A" – press & hold until the unit powers up, then release the power button. Charger cord must be unplugged from IRED.
4. Allow unit to go through the warm up sequence in clean air. At the end of warm up, the unit will perform a "cell check" and enter the working display. This requires 20 to 25 minutes.
5. Look at the display – Ready for Measurement and function indicators will be displayed.
6. Bump test the IRED with recommended 10ppm ethane/1000ppm methane to verify accuracy. (optional)
7. Attach any probe to the filter assembly (survey or barhole probe).
8. Place your finger over the inlet and wait ~5 seconds for "FLOW BLOCKED" to appear on the display. If the instrument does not show "FLOW BLOCKED," service is required.



9. You are now ready to use the instrument. "For Best Results: Using a gas detection device capable of sensing low level natural gas concentrations, confirm a gas measurement in a range of 50 - 2000ppm prior to use of the IRed"
10. Press the "B" button and follow the directions on the display to perform a measurement. The IRED will sample for 40 seconds and update the display readings at 10 second intervals. If sample concentration is too large, the display will read "background too high." Back off the probe to dilute the sample. It may be necessary to retest.
11. The "C" button allows you to view the menu functions, turn the pump on or off, and print the result after a measurement.
12. Measurements will automatically be stored to the instrument's memory with GPS coordinates (GPS is an optional feature). Measurements can be viewed on the display of instrument or through Smartlink.
13. To Power Off or enter Stand By, press and hold the "A" button for 5 seconds until the instrument displays "POWER OFF" and "STAND BY," then release. Press the "A" button to power off or the "C" button to put IRED in "STAND BY."