

# Trak-It® IIIa

COMBUSTIBLE GAS INDICATOR



Heavy-Duty CGI ideal for gas leak pin-pointing and confined space applications

MADE IN USA

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**SENSIT**  
Technologies

Innovative Detection Solutions

[SENSIT-Direct.com](http://SENSIT-Direct.com)

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# TRAK-It® IIIa

**Combustible Gas Indicator designed for extreme working conditions.**

**TRAK-IT® IIIa** is the most durable and user-friendly CGI available. This multi-function instrument is ideal for gas leak pin-pointing and confined space applications.

**TRAK-IT® IIIa** can be configured for combustible gas readings in PPM, LEL and/or percent volume, plus oxygen and a variety of toxic sensors.

**TRAK-IT® IIIa** is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain
- Made in USA

**Find Gas Leaks Fast!**



## **Displays Up To 4 Gases Simultaneously**

- LEL (%Volume and PPM Optional)
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide

## **Standard Features**

- Intrinsically Safe Design (Certified)
- 2-Speed Internal Pump
- Identifies Natural Gas vs Propane Gas
- Lowest Cost, Long Life Sensors
- LED Warning Lights
- Large Bright Graphic Display
- Loud Audible Alarm
- Optional 1600 Event Auto Log
- Exceptional Water Protection
- Long Battery Life
- Cost Effective As An Area Monitor
- Infrared Downloading
- Built-in Natural Gas and Propane Gas Calibration
- Stainless Steel Housing



## **Applications**

- Gas Line Purge
- Underground Leak Pinpointing
- Gas Leak Investigations
- Carbon Monoxide Investigations
- Confined Space Monitoring
- Combustible Gas Measurements

## **Partial List of Gases Sensed**

- |            |                    |
|------------|--------------------|
| • Butane   | • Carbon Monoxide  |
| • Gasoline | • Hydrogen Sulfide |
| • Methane  | • Natural Gas      |
| • Oxygen   | • Propane          |



## SENSOR SPECIFICATIONS

| TYPE      | RESOLUTION    | RANGE        | ACCURACY       |
|-----------|---------------|--------------|----------------|
| PPM*      | 5ppm          | 0-2,000 ppm  | ±10%           |
| LEL       | 0.1% up to 2% | 0-100% LEL   | ±10%           |
| % NAT GAS | 0.1%          | 5.0-100% GAS | ±5%            |
| O2        | 0.1%          | 0-25%        | ±0.2% or 10%** |
| CO        | 1ppm          | 0-2000ppm    | ±5ppm or 5%**  |
| H2S       | 1ppm          | 0-100ppm     | ±2ppm or 5%**  |
| HCN       | 1ppm          | 0-30ppm      | ±2ppm or 5%**  |

\*PPM Optional

\*\*Whichever is greater

## PRODUCT SPECIFICATIONS

|                   |                                             |
|-------------------|---------------------------------------------|
| Size:             | 6.5" x 4" x 4.25" (16.5 x 10.2 x 10.8 cm)   |
| Weight:           | 2.8 lb. (1.27 kg)                           |
| Operational Temp: | -4 to 104 F (-20 to 40° C)                  |
| Battery Life:     | Alkaline: Approximately 25+ hrs. Continuous |



## STANDARD KIT

Padded Carrying Pouch  
4 "C" Batteries  
Neck Strap  
External Water/Dirt Filter  
Instruction Manual  
Choice of Bar Hole Probe or Confined Space Probe

## KIT OPTIONS

Printer  
PC Interface  
Calibration Kit

## OPTIONAL FEATURES

PPM Display

## Bar Hole Test Features:

Peak Readings  
Sustained Readings  
Timed Test

## Data Logging Options:

100 Instant Event Saves  
1600 Auto Log Saves  
100 Bar Hole Tests

## Adjustable Calibration Reminders:

Calibration Due  
Calibration Over-Due (Shows at Start-up)

## Adjustable Gas Scales:

Auto Range Point for LEL to %Vol

## Gas Identification Alert Options:

"NSR" - Non-Standard Response  
"NSC" - Combustible Other Than Gas Calibrated to (4-5% Volume)

## Approvals

CE 0891 Ex II 2 G

Ex d ia IIB T4  
DEMKO 11 ATEX 0904440

UL 913 Class 1, Div. 1,  
Groups C and D  
Hazardous Environments T4  
Temp Code: T4, Ta = -20°C to 40°C



C22.2 No. 152 and C22.22  
No 157 For Ex d ia IIB  
Class I, Div. 1, Groups C and D,  
T4 hazardous locations when used with  
Duracell MN 1400 batteries.

**Trak-It® IIIa Instruments\***

|                  |                                           |
|------------------|-------------------------------------------|
| EX               | LEL<br>Part # 920-00000-01                |
| EX/CO            | LEL/CO<br>Part # 920-00000-02             |
| EXplus           | LEL/O2<br>Part # 920-00000-03             |
| EX/TOX           | LEL/H2S<br>Part # 920-00000-04            |
| EX/COplus        | LEL/CO/O2<br>Part # 920-00000-05          |
| EX/CO/TOX        | LEL/CO/H2S<br>Part # 920-00000-06         |
| EX/TOXplus       | LEL/O2/H2S<br>Part # 920-00000-07         |
| 4 Gas            | LEL/CO/O2/H2S<br>Part # 920-00000-08      |
| EX/COplus/HCN    | LEL/CO/O2/HCN<br>Part # 920-00000-09      |
| EX/TC            | LEL/%Vol<br>Part # 920-00000-50           |
| EX/TC/CO         | LEL/%Vol/CO<br>Part # 920-00000-51        |
| EX/TCplus        | LEL/%Vol/O2<br>Part # 920-00000-52        |
| EX/TC/TOX        | LEL/%Vol/H2S<br>Part # 920-00000-53       |
| EX/TC/COplus     | LEL/%Vol/CO/O2<br>Part # 920-00000-54     |
| EX/TC/CO/TOX     | LEL/%Vol/CO/H2S<br>Part # 920-00000-55    |
| EX/TC/TOXplus    | LEL/%Vol/O2/H2S<br>Part # 920-00000-56    |
| 4 Gas/TC         | LEL/%Vol/CO/O2/H2S<br>Part # 920-00000-57 |
| EX/TC/COplus/HCN | LEL/%Vol/CO/O2/HCN<br>Part # 920-00000-58 |

\*PPM Optional

**Trak-It® IIIa Manual Calibration Kits\*\***

|               |                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------|
| EX            | LEL (21 liter 2.5% Methane)<br>Part # 881-00028                                               |
| EX/CO         | LEL/CO (21 liter Combo)<br>Part # 881-00029                                                   |
| EXplus        | LEL/O2 (21 liter 2.5% Methane)<br>Part # 881-00028                                            |
| EX/TOX        | LEL/H2S (103 liter Combo, 58 liter H2S)<br>Part # 881-00030                                   |
| EX/COplus     | LEL/CO/O2 (21 liter Combo)<br>Part # 881-00029                                                |
| EX/CO/TOX     | LEL/CO/H2S (103 liter Combo, 58 liter H2S)<br>Part # 881-00030                                |
| EX/TOXplus    | LEL/O2/H2S (103 liter Combo, 58 liter H2S)<br>Part # 881-00030                                |
| 4 Gas         | LEL/CO/O2/H2S (103 liter Combo, 58 liter H2S)<br>Part # 881-00030                             |
| EX/CO/O2/HCN  | LEL/CO/O2/HCN (103 liter Combo, 34 liter HCN)<br>Part # 881-00069                             |
| EX/TC         | LEL/%Vol (21 Liter 2.5% Methane, 21 Liter 100% Methane)<br>Part # 881-00034                   |
| EX/TC/CO      | LEL/%Vol/CO (21 Liter Combo, 21 Liter 100% Methane)<br>Part # 881-00035                       |
| EX/TCplus     | LEL/%Vol/O2 (21 Liter 2.5% Methane, 21 Liter 100% Methane)<br>Part # 881-00034                |
| EX/TC/TOX     | LEL/%Vol/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)<br>Part # 881-00031       |
| EX/TC/COplus  | LEL/%Vol/CO/O2 (21 Liter Combo, 21 Liter 100% Methane)<br>Part # 881-00035                    |
| EX/TC/CO/TOX  | LEL/%Vol/CO/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)<br>Part # 881-00031    |
| EX/TC/TOXplus | LEL/%Vol/O2/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)<br>Part # 881-00031    |
| 4 Gas/TC      | LEL/%Vol/CO/O2/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)<br>Part # 881-00031 |



MADE IN USA

SENSIT Technologies  
is in compliance with ISO 9001:2008