

# Trak-It® IIIa

COMBUSTIBLE GAS INDICATOR



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

MADE IN USA

**SENSIT**  
Technologies

Innovative Detection Solutions

[www.gasleaksensors.com](http://www.gasleaksensors.com)

# 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
- Gasoline
- Methane
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- Natural Gas
- Propane





**TO OPERATE:**

1. Press Power
2. Wait 45 Seconds for Automatic Zeroing
3. Begin to Use

Patent Pending

### SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE	ACCURACY
PPM*	1 or 10ppm	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 Part # 920-00000-01
EX/CO	LEL/CO Part # 920-00000-02
EXplus	LEL/O2 Part # 920-00000-03
EX/TOX	LEL/H2S Part # 920-00000-04
EX/COplus	LEL/CO/O2 Part # 920-00000-05
EX/CO/TOX	LEL/CO/H2S Part # 920-00000-06
EX/TOXplus	LEL/O2/H2S Part # 920-00000-07
4 Gas	LEL/CO/O2/H2S Part # 920-00000-08
EX/COplus/HCN	LEL/CO/O2/HCN Part # 920-00000-09
EX/TC	LEL/%Vol Part # 920-00000-50
EX/TC/CO	LEL/%Vol/CO Part # 920-00000-51
EX/TCplus	LEL/%Vol/O2 Part # 920-00000-52
EX/TC/TOX	LEL/%Vol/H2S Part # 920-00000-53
EX/TC/COplus	LEL/%Vol/CO/O2 Part # 920-00000-54
EX/TC/CO/TOX	LEL/%Vol/CO/H2S Part # 920-00000-55
EX/TC/TOXplus	LEL/%Vol/O2/H2S Part # 920-00000-56
4 Gas/TC	LEL/%Vol/CO/O2/H2S Part # 920-00000-57
EX/TC/COplus/HCN	LEL/%Vol/CO/O2/HCN Part # 920-00000-58

\*PPM Optional

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

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

\*\*Contact SENSIT for calibration kits for Line Gas, Propane and Smart-Cal Stations.



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