

# TRAK-IT<sup>®</sup> IIIa

COMBUSTIBLE GAS INDICATOR



Displays Up To 4 Gases | Internal 2 Speed High-Volume Pump | Intrinsically Safe Design

**SENSIT**

# 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



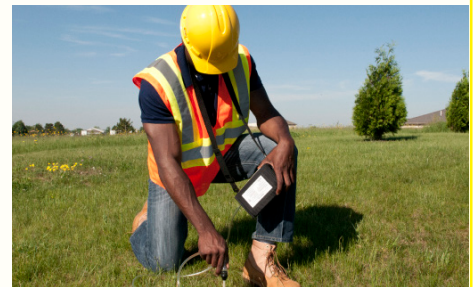
**Find Gas Leaks Fast!**

## 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 2812 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.

Distributed by:

# SENSIT

851 Transport Drive  
Valparaiso, IN 46383-8432

Phone: 888 4SENSIT  
888 473 6748  
219 465 2700

Fax: 219 465 2701  
www.gasleaksensors.com

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