

# Trak-It® IIIa

COMBUSTIBLE GAS INDICATOR



MADE IN USA

**SENSIT**  
Technologies

Innovative Detection Solutions

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

# Trak-It<sup>®</sup> IIIa

## COMBUSTIBLE GAS INDICATOR

TRAK-IT<sup>®</sup> IIIa is the most durable and user friendly TRAK-IT available. The "T3a" can be configured for combustible gas readings in PPM, LEL and/or percent volume as well as a variety of toxic sensors and oxygen. The TRAK-IT IIIa is ideal for gas leak pin pointing and confined space applications.

### Designed for Extreme Working Conditions

#### Displays Up To 4 Gases Simultaneously

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

#### Internal 2 Speed High-Volume Pump

#### Identifies Propane versus Natural Gas Detection

#### SMART-CAL automatic calibration system compatible

### Trak-It IIIa Standard Features

- 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



### INDUSTRY USERS

Gas (natural and propane) Companies  
Industrial Plants  
Chemical/Petro Chemical Plants  
Fire - Hazmat - Arson Services  
HVAC Contractors  
Gas Exploration and Transmission COs  
Water/Waste Water Operators

### 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

\*Contact Sensit Technologies for more info.



**TO OPERATE:**

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

Patent Pending



**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)

**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 2%**
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

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 1, 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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