

SENSIT TRAK-IT 4

MULTIGAS DETECTOR

The SENSIT TRAK-IT 4 is a durable, portable multi-gas detector made for quick use by natural gas utility crews. It features rapid startup, simple controls, and a clear display to aid technicians in leak investigations and odor calls where accuracy and speed are crucial.

Based on the SENSIT GOLD 3, the TRAK-IT 4 excels at bar hole testing and underground leak detection, with field-serviceable parts and GPS datalogging to reduce downtime. It's easy to use, reliable, and ready for fieldwork.



KEY FEATURES

Enhanced Response & Accuracy

- | 20 Sec Bar Hole Test Plus Leak Search and Purge Modes
- | Multi-Gas (CO, O₂, H₂S, HCN) Capability To Support Natural Gas Leak Investigation

Datalogging & Calibration

- | Integrated with Smart-Cal 360 calibration station for centralized records
- | Datalogging and GPS delivers traceable leak reporting

Designed for Harsh Conditions

- | Full-day battery life without charging
- | Rugged IP64 housing suitable for construction and poor weather conditions

Alarms & Display

- | High contrast adjustable [PPM, %LEL and %Vol] visual and audible alarms for dark and loud environments
- | Large back lit display with simple user menu

SHIP KIT

- | Standard Soft Pouch
- | Rechargeable Battery Charger
- | Shoulder Strap
- | LEL Sensor Removal Tool
- | Female Luer to Quick Connect Tube (3
- | Inlet Syringe Filter Replacement

ACCESSORIES

- | Automatic Bump & Calibration Station Kit
- | Manual Calibration Kit
- | Gas Cylinders
 - | 103L 2.5% CH₄ / 100 ppm CO Combo
 - | 116L 100% CH₄
 - | 58L H₂S
 - | 34L HCN
- | Demand Regulator & Hose
- | 32" Heavy-Duty Fiberglass Probe
- | 30" Polycarbonate Bar Hole Probe
- | 30" Brass Probe
- | Brass Purge Probe
- | Flange Purge Probe
- | Hot Air Probe (Flue Gas)
- | Leak Survey Drag Tube
- | Telescopic Survey Probe

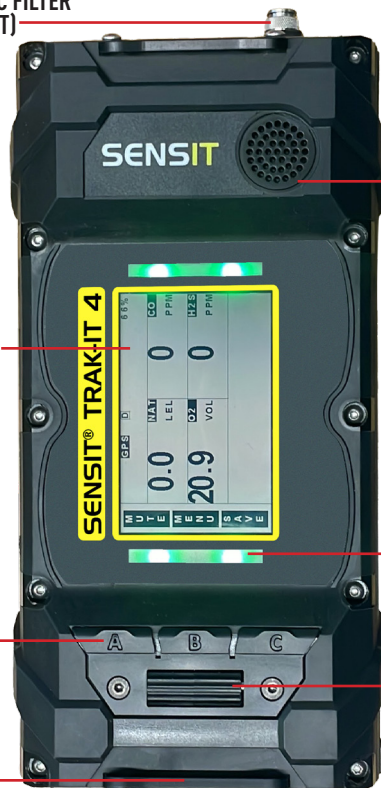
WARRANTY

- | 2-Year Instrument Warranty
- | 1-Year Sensor Warranty

SENSIT
FIND GAS LEAKS FAST

TECHNICAL DATASHEET

HYDROPHOBIC FILTER
(BEHIND INLET)



GPS
SOUNDER

LCD DISPLAY

ALARM LED

OPERATION
BUTTONS

TICK WHEEL

CARRYING
STRAP BRACKETS

Approvals

Normal Locations: IEC 61010-1

Hazardous Locations: Intrinsically Safe for
use in Class I Division I, T4 per UL913



Disclaimer:

To ensure ongoing product improvement and technical accuracy, SENSIT may update specifications without prior notice. While every effort has been made to present accurate and reliable information, SENSIT is not responsible for errors, omissions, or changes that may occur. Users should refer to the most current regulations, standards, and product documentation when making operational or safety decisions. This document is provided for informational purposes only and is not intended to serve as a contractual agreement.

Sensor

Sensor Types	MOS, Thermal Conductivity (TC), Electrochemical
Gases	Methane (CH ₄), Carbon Monoxide (CO), Oxygen (O ₂), Hydrogen Sulfide (H ₂ S), and Hydrogen Cyanide (HCN)
Measurement Range	CH ₄ - 0-50,000 ppm; 0-100% LEL; 5-100% VOL CO - 0-2,000 ppm O ₂ - 0-25% VOL H ₂ S - 0-100 ppm HCN - 0-30 ppm
Resolution	CH ₄ - 1 ppm (0- 5,000 ppm), 10 ppm (5,000 - 50,000 ppm); 0.1% LEL; 0.1% VOL O ₂ - 0.1% VOL CO - 1 ppm H ₂ S, HCN - 1 ppm (default) or 0.1 ppm
Accuracy	CH ₄ - ±10% or 500 ppm* / 1% LEL* O ₂ - ±10% or 0.2% VOL CO - ±5% or 5 ppm* H ₂ S - ±5% or 2 ppm* HCN - ±5% or 1 ppm* * = whichever is greater
Response Time (T90)	T90 - 5.5 s (Without Probe) 20 s Bar Hole Test

Electrical

Battery Type	Rechargeable Li-ion
Battery Life	Up to 16 hours
Charging Time	Up to 6 hours
Charger	External Li-ion charger, 10.3-18 VDC input Operating Temperature - 0°C to 45°C

Mechanical

Size:	8.3" x 4.2" x 4.0"
Weight:	2.9 lb-s. (1.3 kg)
Housing:	TPE overmolded - Polycarbonate (PC)
Startup Time	50-60 seconds
Display	3.2" Back lit LCD - 336 x 536 Dots
Alarms	Audio - 85 dB at 1 ft, LED - Green, Yellow & Red Default Alarm Set Points: CH ₄ : PPM - 10 PPM, % LEL - 50.0% LEL, UEL - 17.0% VOL CO: 35 PPM O ₂ : Depletion - 19.5% VOL, Enrichment - 23.5% VOL H ₂ S: 10.0 PPM HCN: 4.7 PPM

Environmental

Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Humidity	15 to 95% RH, non-condensing
Ingress Protection Rating	IP64

Software

Datalogging Rate	1 log / second
Data Storage Capacity	475,000 logs - Data Logs 1024 logs - Bar Hole, Session, Cal, Bump Logs 512 logs - Purge, Error, CF Test, CO Test Logs
Software Compatibility	SMART-LINK360 Service360
GPS	Built-in, < 3M accuracy
Connectivity	Bluetooth