

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

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 (T ₉₀)	T ₉₀ - 5.5 s (Without Probe) 20 s Bar Hole Test

Electrical

Battery Type	Non-removable, 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



Approvals

Normal Locations: IEC 61010-1

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



Disclaimer:

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