

SENSIT[®] HCN
TOXIC GAS ANALYZER



SENSIT[®] HCN monitors and warns
of dangerous levels of Hydrogen Cyanide!

MADE IN USA

SENSIT
Technologies

SENSIT[®] HCN

TOXIC GAS ANALYZER

Use the SENSIT[®] HCN to conduct Hydrogen Cyanide and Carbon Monoxide checks during "Post Fire" clean up.

SENSIT[®] HCN with its rugged construction and powerful rotary pump, hot air probe and bright LCD display makes it perfect for testing ambient air and hot gas samples. Infrared communication allows printing of test results to a compact printer (accessory) or PC simple and convenient.

The SENSIT[®] HCN is available with HCN and CO (optional) sensing features. When equipped with both features the instrument will simultaneously display HCN and CO readings for thorough testing.

HCN Standard Features

- Internal Pump
- Water/Dust Filter
- Push Button Operation
- Field Calibration
- Date/Time Display
- Operation Memory
- Calibration Memory
- Infrared Download
- Audible/Visual Alarms
- Backlit LCD Display
- Hard Carrying Case
- Programmable Auto Shut Off

HYDROGEN CYANIDE (HCN): STANDARDS AND EFFECTS

HCN Effects on Humans:

Hydrogen Cyanide can cause rapid death due to metabolic asphyxiation. Death can occur within seconds or minutes of the inhalation of high concentrations.

3,404ppm	Death after 1 minute exposure
270ppm	Death after 6-8 minutes exposure
181ppm	Death after 10 minutes exposure
135ppm	Death after 30 minutes exposure
10ppm	OSHA permissible exposure limit (PEL)
4.7ppm	NIOSH recommended exposure limit (REL)

ppm = parts per million

Recent study estimations (Hathaway et al. 1991)

5.6% HCN lower flammable limits in air (percent by volume)
40.0% upper flammable limits in air (percent by volume)



*Contact Sensit Technologies for more info.



STANDARD KIT

Hard Carrying Case
3 "C" Batteries
Hot Air Probe
5 Foot Flexible Tubing
Particle Filter
Instruction Manual

SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE	ACCURACY
HCN	1 ppm	0-100 ppm	± 2 ppm or 3%**
CO*	1 ppm	0-5,000 ppm	± 5 ppm or 5%**

*Optional Configuration

**Whichever is greater

PRODUCT SPECIFICATIONS

Size:	3" x 10" x 2.4" (7.6 x 25.4 x 6cm)
Weight:	1.1 pounds (0.5kg)
Operational Temp:	-4 to 104° F (-20 to 40° C)
Battery Life:	Alkaline: Approximately 30 hrs. Continuous



SENSIT® HCN instruments are approved UL913, For Class 1, Division 1, Groups C and D hazardous locations when used with alkaline batteries.

SENSIT HCN WITH OPTIONAL CO ACCESSORIES

SMART-CAL Auto Calibration Station Only
Part # 914-00000-01

Contact SENSIT to discuss Calibration Kit for SMART-CAL

Manual Calibration Kit

Sensit HCN Calibration Kit (10ppm HCN Nitrogen)
Part # 881-00057

Sensit HCN CO (10ppm HCN and 100ppm CO)
Part # 881-00058

34 liter Hydrogen Cyanide/Nitrogen
Part # 315-100006

34 liter 100ppm CO/Air
Part # 315-100001

Flue Probe
Part # 883-00009

Dirt and Water Filter Assembly (Particle Filter)
Part # 873-00005

Replacement Cartridge for Filter Assembly
Part # 873-00008

PC Interface with Software
Part # 870-00008

Printer (Infrared)
Part # 870-00004

PRODUCT / APPLICATION OPTIONS

SENSIT[®] P100 PERSONAL MONITOR

SENSIT[®] P100 is a single gas personal monitor designed to warn the user of hazardous gases in their working environment.



SENSIT[®] GOLD GAS DETECTION INSTRUMENT

SENSIT[®] GOLD Displays Up To 4 Gases:

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

SMART-CAL[™] CALIBRATION SYSTEM

SMART-CAL[™] CALIBRATION SYSTEM automatically calibrates, downloads and saves calibration and operational data of any SENSIT[®] or TRAK-IT[®] instrument with a SMART-CAL[™] LINK.

Coming Soon

SCal-100[®] automatically calibrates, downloads and saves calibration and operational data of any SENSIT[®] P100 GAS MONITOR.



MADE IN USA

SENSIT Technologies
is in compliance with ISO 9001:2008



Distributed by:



Ex-Ox-Tox Gasdetectie
Westerdreef 5V
2152 CS Nieuw-Vennep
Telefoon: 0252 620885
E-mail: info@exoxtox.nl
Website: www.exoxtox.nl